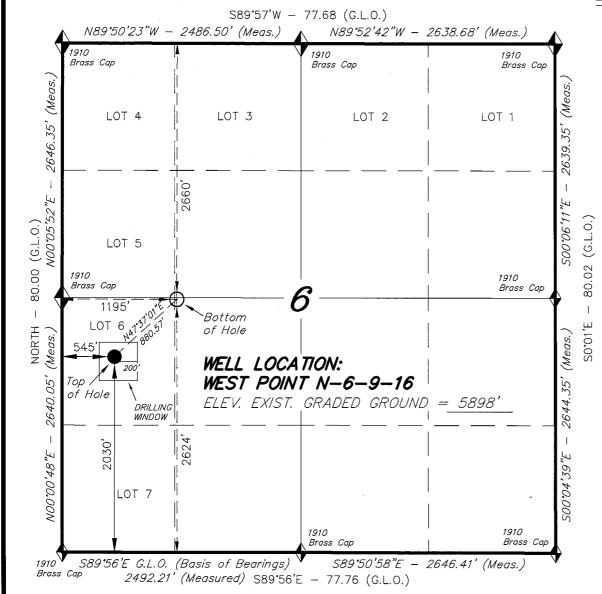
Form 3160-3 (September 2001)	FORM APPROVED OMB No. 1004-0136 Expires January 31, 2004				
UNITED STATES DEPARTMENT OF THE IN	5. Lease Serial No.		······································		
BUREAU OF LAND MANAG			UTU-74390		
APPLICATION FOR PERMIT TO DE	RILL OR REENTER		6. If Indian, Allottee or Tribe Name		
			N/A	·	
1a. Type of Work: DRILL REENTER	R		7. If Unit or CA Agreement, Name and No. West Point Unit		
1b. Type of Well: Oil Well Gas Well Other	Single Zone Mult	iple Zone	8. Lease Name and Well No. West Point Federal N-6-9-16		
Name of Operator Newfield Production Company			9. API Well No.		
3a. Address	3b. Phone No. (include area code)		10 Pield 1 Peel	F 1	
Route #3 Box 3630, Myton UT 84052	(435) 646-3721		10. Field and Pool, or Monument E	•	ory
4. Location of Well (Report location clearly and in accordance with	any State requirements.*)		11. Sec., T., R., M., or		Survey or Area
At surface NW/SW (LOT #6) 2030' FSL 545' FWL					
At proposed prod. zone 2624' FSL 1195' FWL	Sec. 6, T9S	R16E			
14. Distance in miles and direction from nearest town or post office*			12. County or Parish		13. State
Approximatley 12.2 miles southwest of Myton, Utah			Duchesne		UT
15. Distance from proposed* location to nearest property or lease line, ft.	16. No. of Acres in lease	17. Spacin	Spacing Unit dedicated to this well		
(Also to nearest drig. unit line, if any) Approx. 1195' f/nse, 1195' f/unit	2037.19		20 Acres		
18. Distance from proposed location* to nearest welf, drilling, completed, applied for, on this lease, ft. Approx. 1293'			M/BIA Bond No. on file		
	6325'		VYB000493		·····
21. Elevations (Show whether DF, KDB, RT, GL, etc.) 5898' GL	22. Approximate date work will sta 4th Quarter 2008	irt*	23. Estimated duration Approximately seven (7) days from spud to itg release.		
0000 00	24. Attachments		Approximately seven (1) days	Nom spuo to	ng rolease.
The following, completed in accordance with the requirements of Onshor		tached to this	form		
 Well plat certified by a registered surveyor. A Drilling Plan. A Surface Use Plan (if the location is on National Forest System SUPO shall be filed with the appropriate Forest Service Office). 	4. Bond to cover t Item 20 above). 5. Operator certific	he operation ation. specific info	ns unless covered by an	_	
25. Signature	Name (Printed/Typed)			Date	
Title Control	, Mandie Crozier			8/27/0	08
Regulatory Specialist					•
Approved by (Signature)	Name (Printed/Typed)			Date	
Title	Office	- · 	, , , , , , , , , , , , , , , , , , ,	<u> </u>	
Application approval does not warrant or certify the the applicant holds le operations thereon. Conditions of approval, if any, are attached.	gal or equitable title to those rights in	the subject !	ease which would entitle	e the appli	icant to conduct

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

*(Instructions on reverse)

RECEIVED SEP 0 8 2008

T9S, R16E, S.L.B.&M.

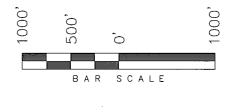


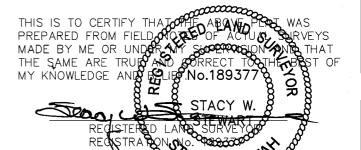
= SECTION CORNERS LOCATED

BASIS OF ELEV; U.S.G.S. 7-1/2 min QUAD (MYTON SW) WEST POINT N-6-9-16 (Surface Location) NAD 83 LATITUDE = 40° 03′ 29.80″ LONGITUDE = 110° 10′ 08.74″

NEWFIELD PRODUCTION COMPANY

WELL LOCATION, WEST POINT N-6-9-16, LOCATED AS SHOWN IN THE NW 1/4 SW 1/4 (LOT 6) OF SECTION 6, T9S, R16E, S.L.B.&M. DUCHESNE COUNTY, UTAH.





TRI STATE LAND SURVEYING & CONSULTING

180 NORTH VERNAL AVE. - VERNAL, UTAH 84078 (435) 781-2501

DATE SURVEYED: 03-18-08	SURVEYED BY: T.H.
DATE DRAWN: 04-04-08	DRAWN BY: F.T.M.
REVISED:	SCALE: 1" = 1000'

NEWFIELD PRODUCTION COMPANY WEST POINT FEDERAL N-6-9-16 AT SURFACE: NW/SW (LOT #6) SECTION 6, T9S, R16E DUCHESNE COUNTY, UTAH

ONSHORE ORDER NO. 1

DRILLING PROGRAM

1. GEOLOGIC SURFACE FORMATION:

Uinta formation of Upper Eocene Age

2. ESTIMATED TOPS OF IMPORTANT GEOLOGIC MARKERS:

Uinta 0' - 1700' Green River 1700' Wasatch 6325'

3. ESTIMATED DEPTHS OF ANTICIPATED WATER, OIL, GAS OR MINERALS:

Green River Formation 1700' - 6325' - Oil

4. PROPOSED CASING PROGRAM

Please refer to the Monument Butte Field Standard Operation Procedure (SOP).

5. <u>MINIMUM SPECIFICATIONS FOR PRESSURE CONTROL:</u>

Please refer to the Monument Butte Field SOP. See Exhibit "C".

6. TYPE AND CHARACTERISTICS OF THE PROPOSED CIRCULATION MUDS:

Please refer to the Monument Butte Field SOP.

7. AUXILIARY SAFETY EQUIPMENT TO BE USED:

Please refer to the Monument Butte Field SOP.

8. <u>TESTING, LOGGING AND CORING PROGRAMS:</u>

Please refer to the Monument Butte Field SOP.

9. <u>ANTICIPATED ABNORMAL PRESSURE OR TEMPERATURE:</u>

The anticipated maximum bottom hole pressure is 1800 psi. It is not anticipated that abnormal temperatures will be encountered.

10. ANTICIPATED STARTING DATE AND DURATION OF THE OPERATIONS:

Please refer to the Monument Butte Field SOP.

NEWFIELD PRODUCTION COMPANY WEST POINT FEDERAL N-6-9-16 AT SURFACE: NW/SW SECTION 6, T9S, R16E DUCHESNE COUNTY, UTAH

ONSHORE ORDER NO. 1

MULTI-POINT SURFACE USE & OPERATIONS PLAN

1. EXISTING ROADS

See attached Topographic Map "A"

To reach Newfield Production Company well location site West Point Federal N-6-9-16 located in the NW 1/4 SW 1/4 Section 6, T9S, R16E, Duchesne County, Utah:

Proceed southwesterly out of Myton, Utah along Highway 40 - 1.4 miles \pm to the junction of this highway and UT State Hwy 53; proceed southwesterly -10.6 miles \pm to it's junction with an existing dirt road to the southeast; proceed southeasterly -0.2 miles \pm to it's junction with the beginning of the access road to the existing West Point 12-6-9-16 well location.

2. PLANNED ACCESS ROAD

There is no proposed access road for this location. The proposed well will be drilled directionally off of the existing West Point 12-6-9-16 well pad. See attached **Topographic Map "B"**.

3. LOCATION OF EXISTING WELLS

Refer to Exhibit "B".

4. LOCATION OF EXISTING AND/OR PROPOSED FACILITIES

The proposed well will be drilled directionally off of the West Point 12-6-9-16 well pad. There will be a pumping unit and a short flow line added to the tank battery for the proposed West Point Federal N-6-9-16. All permanent surface equipment will be painted Carlsbad Canyon.

Please refer to the Monument Butte Field Standard Operating Procedure (SOP).

5. LOCATION AND TYPE OF WATER SUPPLY

Newfield Production will transport water by truck for drilling purposes from the following water sources:

Johnson Water District Water Right: 43-7478

Neil Moon Pond

Water Right: 43-11787

Maurice Harvey Pond Water Right: 47-1358

Newfield Collector Well

Water Right: 41-3530 (A30414DV, contracted with the Duchesne County Conservancy District).

Please refer to the Monument Butte Field SOP. See Exhibit "A".

6. SOURCE OF CONSTRUCTION MATERIALS

The proposed West Point Federal N-6-9-16 will be drilled off of the existing West Point 12-6-9-16 well pad. No additional surface disturbance will be required for this location.

7. <u>METHODS FOR HANDLING WASTE DISPOSAL</u>

Please refer to the Monument Butte Field SOP.

8. <u>ANCILLARY FACILITIES</u>

Please refer to the Monument Butte Field SOP.

9. WELL SITE LAYOUT

See attached Location Layout Diagram.

10. PLANS FOR RESTORATION OF SURFACE

Please refer to the Monument Butte Field SOP.

 SURFACE OWNERSHIP - Bureau Of Land Management (Proposed location and access roads leading to).

12. OTHER ADDITIONAL INFORMATION

Newfield Production Company requests a 460' ROW be granted in Lease UTU-74826 and 570' of disturbed area be granted in Lease UTU-74390 to allow for construction of the proposed water lines. It is proposed that the ROW and disturbed area will temporarily be 50' wide to allow for construction of a buried 3" steel water injection line and a buried 3" poly water return line and 30' wide upon completion of the proposed water lines. **Refer to Topographic Map "C."** For a ROW plan of development, please refer to the Monument Butte Field SOP. In the event that the proposed well is converted to a water injection well, a separate injection permit will be applied for through the proper agencies.

The Archaeological Resource Survey and Paleontological Resource Survey for this area are attached. MOAC Report #08-169, 8/5/08. Paleontological Resource Survey prepared by, Wade E. Miller, 6/25/08. See attached report cover pages, **Exhibit "D"**.

Water Disposal

Immediately upon first production, all produced water will be confined to a steel storage tank. If the production water meets quality guidelines, it is transported to the Ashley, Monument Butte, Jonah, and Beluga water injection facilities by company or contract trucks. Subsequently, the produced water is injected into approved Class II wells to enhance Newfield's secondary recovery project.

Water not meeting quality criteria, is disposed at Newfield's Pariette #4 disposal well (Sec. 7, T9S R19E), State of Utah approved surface disposal facilities, or Federally approved surface disposal facilities.

Threatened, Endangered, And Other Sensitive Species

None for the proposed West Point Federal N-6-9-16.

Reserve Pit Liner

A 16 mil liner with felt is required. Please refer to the Monument Butte Field SOP.

Location and Reserve Pit Reclamation

Please refer to the Monument Butte Field SOP.

The following seed mixture will be used on the topsoil stockpile, to the recontoured surface of the reserve pit, and for final reclamation: (All poundages are in pure live seed)

Squirrell Tail	Elymus Elymoides	6 lbs/acre
Siberian Wheatgrass	Agropyron Fragile	2 lbs/acre
Gardner Saltbush	Atriplex Gardneri	1 lbs/acre
Shadscale	Atriplex Confertifolia	1 lbs/acre
Fourwing Saltbush	Atriplex Canescens	1 lbs/acre
Scarlet Globemallow	Sphaeralcea Conccinea	0.20 lbs/acre
Forage Kochia	Kochia Prostrata	0.20 lbs/acre

Details of the On-Site Inspection

The proposed West Point Federal N-6-9-16 was on-sited on 6/11/08. The following were present; Kevan Stevens (Newfield Production), Michael Cutler (Bureau of Land Management), Brandon McDonald (Bureau of Land Management), and James Herford (Bureau of Land Management). Weather conditions were clear and ground cover was 100% open.

LESSEE'S OR OPERATORS REPRESENTATIVE AND CERTIFICATION

Representative

Name:

Dave Allred

Address:

Route #3 Box 3630

Myton, UT 84052

Telephone:

(435) 646-3721

Certification

Please be advised that NEWFIELD PRODUCTION COMPANY is considered to be the operator of well #N-6-9-16 NW/SW Section 6, Township 9S, Range 16E: Lease UTU-74390 Duchesne County, Utah: and is responsible under the terms and conditions of the lease for the operations conducted upon the leased lands. Bond coverage is provided by, Federal Bond #WYB000493.

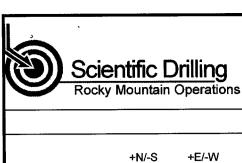
I hereby certify that the proposed drill site and access route have been inspected, and I am familiar with the conditions which currently exist; that the statements made in this plan are true and correct to the best of my knowledge; and that the work associated with the operations proposed here will be performed by Newfield Production Company and its contractors and subcontractors in conformity with this plan and the terms and conditions under which it is approved. This statement is subject to the provisions of 18 U.S.C. 1001 for the filing of a false statement.

Date

Mandie Crozier

Regulatory Specialist

Newfield Production Company



oject: Duchesne County, UT NAD83 UTC

Site: West Point

Well: West Point N-6-9-16

Wellbore: OH Design: Plan #1

Newfield Exploration Co.

Azimuths to True North Magnetic North: 11.73 Magnetic Field Strength: 52581.8snT Dip Angle: 65.87 Date: 2008-06-10

Model: IGRF2005-1

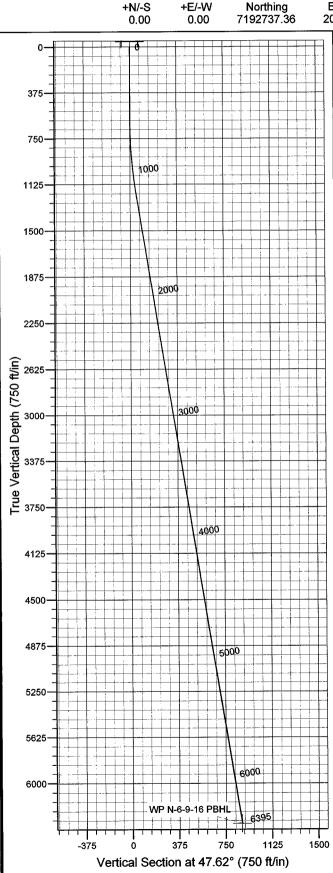
WELL DETAILS: West Point N-6-9-16

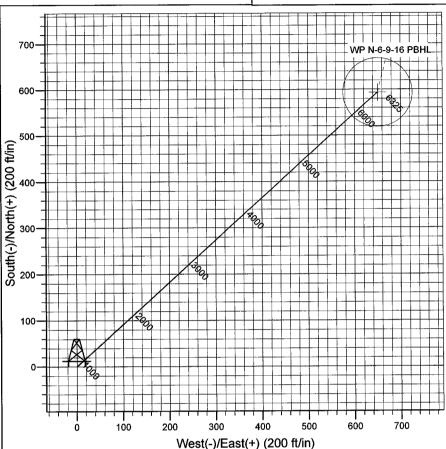
GL 5898' & RKB 12' @ 5910.00ft 5898.00

0.00 0.00 7192737.36

Latitude Easting 2012925.40 40° 3' 29.800 N

Longitude 110° 10' 8.740 W





Plan: Plan #1 (West Point N-6-9-16/OH)

Date: 2008-06-10 Created By: Julie Cruse

PROJECT DETAILS: Duchesne County, UT NAD83 UTC

Geodetic System: US State Plane 1983 Datum: North American Datum 1983

Ellipsoid: GRS 1980 Zone. Utah Central Zone

Location:

System Datum: Mean Sea Level

Local North: True

SECTION	DETAILS
---------	---------

MD	Inc	Azi	TVD	+N/-\$	+E/-W	DLeg	TFace	VSec	Target
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
600.00	0.00	0.00	600.00	0.00			0.00		
6394.77	9.23	47.62	6325.00	593.54	650.47	0.00	0.00	880.57	WP N-6-9-16 PBHL

Newfield Exploration Co.

Duchesne County, UT NAD83 UTC West Point West Point N-6-9-16 OH

Plan: Plan #1

Standard Planning Report

10 June, 2008

Scientific Drilling

Planning Report

Database:

EDM 2003.16 Multi-User Db

Company:

Newfield Exploration Co. Duchesne County, UT NAD83 UTC

Project: Site:

West Point

Well:

West Point N-6-9-16

Wellbore:

ОН

Local Co-ordinate Reference:

Well West Point N-6-9-16

TVD Reference: MD Reference:

GL 5898' & RKB 12' @ 5910.00ft GL 5898' & RKB 12' @ 5910.00ft

North Reference:

Survey Calculation Method:

Minimum Curvature

Project

Design:

Plan #1

Duchesne County, UT NAD83 UTC

Map System: Geo Datum: Map Zone:

US State Plane 1983

North American Datum 1983

Utah Central Zone

System Datum:

Mean Sea Level

Site

From:

West Point,

Site Position:

Lat/Long

Northing: Easting:

7,195,374.57 ft

Latitude:

Longitude:

40° 3' 55.470 N

Position Uncertainty:

0.00 ft

Slot Radius:

2,015,574.76ft

110° 9' 34.160 W

Grid Convergence:

0.86°

Well

West Point N-6-9-16, 2030' FSL 545' FWL Sec 6 T9S R16E

Well Position

+N/-S +E/-W 0.00 ft 0.00 ft Northing: Easting:

7,192,737.36 ft 2,012,925.40 ft

11.73

Latitude: Longitude:

40° 3' 29.800 N 110° 10' 8.740 W

Position Uncertainty

0.00 ft

Wellhead Elevation:

ft

Ground Level:

65.87

5,898.00 ft

52,582

Wellbore

ОН

Magnetics

Model Name

Sample Date

2008-06-10

Declination (°)

Dip Angle (°)

Field Strength

(nT)

IGRF2005-10

Plan #1

Design

Audit Notes:

Version:

Phase:

PLAN

0.00

+N/-S

Tie On Depth: +E/-W

Vertical Section:

Depth From (TVD) (ft)

0.00

(ft) 0.00

(ft) 0.00 Direction (°) 47.62

an Sections										
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)	TFO (°)	Target
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
600.00	0.00	0.00	600.00	0.00	0.00	0.00	0.00	0.00	0.00	
1,215.59	9.23	47.62	1,212.93	33.36	36.56	1.50	1.50	0.00	47.62	
6,394.77	9.23	47.62	6,325.00	593.54	650.47	0.00	0.00	0.00	0.00 W	P N-6-9-16 PBH

Scientific Drilling

Planning Report

Database:

EDM 2003.16 Multi-User Db

Company: Project:

Newfield Exploration Co. Duchesne County, UT NAD83 UTC

Site: Well: West Point

West Point N-6-9-16

Wellbore: Design:

ОН Plan #1 Local Co-ordinate Reference:

Survey Calculation Method:

TVD Reference: MD Reference:

North Reference:

GL 5898' & RKB 12' @ 5910.00ft GL 5898' & RKB 12' @ 5910.00ft

Well West Point N-6-9-16

True

Minimum Curvature

Measured			Vertical			Vertical	Dogleg	Build	Turn
Depth	Inclination	Azimuth	Depth	+N/-S	+E/-W	Section	Rate	Rate	Rate
(ft)	(°)	(°)	(ft)	(ft)	(ft)	(ft)	(°/100ft)	(°/100ft)	(°/100ft)
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
100.00	0.00	0.00	100.00	0.00	0.00	0.00	0.00	0.00	0.00
200.00	0.00	0.00	200.00	0.00	0.00	0.00	0.00	0.00	0.0
300.00 400.00	0.00 0.00	0.00	300.00	0.00	0.00 0.00	0.00	0.00 0.00	0.00 0.00	0.00 0.00
		0.00	400.00	0.00		0.00			
500.00	0.00	0.00	500.00	0.00	0.00	0.00	0.00	0.00	0.0
600.00	0.00	0.00	600.00	0.00	0.00	0.00	0.00	0.00	0.0
700.00	1.50	47.62	699.99	0.88	0.97	1.31	1.50	1.50	0.0
800.00	3.00	47.62	799.91	3.53	3.87	5.23	1.50	1.50	0.0
900.00	4.50	47.62	899.69	7.94	8.70	11.77	1.50	1.50	0.0
1,000.00	6.00	47.62	999.27	14.10	15.46	20.92	1.50	1.50	0.0
1,100.00	7.50	47.62	1,098.57	22.03	24.14	32.68	1.50	1.50	0.00
1,700.00	9.00	47.62	1,197.54	31.70	34.74	47.03	1.50	1.50	0.00
1,200.00	9.23	47.62 47.62	1,197.54	33.36	36.56	49.50	1.50	1.50	0.00
1,215.59	9.23	47.62 47.62	1,212.93	33.36 42.49	36.56 46.57	63.04	0.00	0.00	0.00
1,400.00	9.23	47.62	1,394.95	53.31	58.42	79.09	0.00	0.00	0.00
1,500.00	9.23	47.62	1,493.65	64.13	70.28	95.13	0.00	0.00	0.00
1,600.00	9.23	47.62	1,592.36	74.94	82.13	111.18	0.00	0.00	0.00
1,700.00	9.23	47.62	1,691.06	85.76	93.98	127.23	0.00	0.00	0.0
1,800.00	9.23	47.62	1,789.77	96.57	105.84	143.27	0.00	0.00	0.0
1,900.00	9.23	47.62	1,888.47	107.39	117.69	159.32	0.00	0.00	0.0
2,000.00	9.23	47.62	1,987.17	118.21	129.54	175.37	0.00	0.00	0.00
2,100.00	9.23	47.62	2,085.88	129.02	141.40	191.41	0.00	0.00	0.0
2,200.00	9.23	47.62	2,184.58	139.84	153.25	207.46	0.00	0.00	0.0
2,300.00	9.23	47.62	2,283.29	150.65	165.10	223.51	0.00	0.00	0.00
2,400.00	9.23	47.62	2,381.99	161.47	176.96	239.55	0.00	0.00	0.0
2,500.00	9.23	47.62	2,480.69	172.29	188.81	255.60	0.00	0.00	0.0
2,600.00	9.23	47.62	2,579.40	183.10	200.66	271.65	0.00	0.00	0.0
2,700.00	9.23	47.62	2,678.10	193.92	212.52	287.69	0.00	0.00	0.00
2,800.00	9.23	47.62	2,776.81	204.73	224.37	303.74	0.00	0.00	0.00
2,900.00	9.23	47.62	2,875.51	215.55	236.22	319.78	0.00	0.00	0.00
3,000.00	9.23	47.62	2,974.22	226.36	248.08	335.83	0.00	0.00	0.00
3,100.00	9.23	47.62	3,072.92	237.18	259.93	351.88	0.00	0.00	0.00
3,200.00	9.23	47.62	3,171.62	248.00	271.78	367.92	0.00	0.00	0.00
3,300.00	9.23	47.62	3,270.33	258.81	283.64	383.97	0.00	0.00	0.00
3,400.00	9.23	47.62	3,369.03	269.63	295.49	400.02	0.00	0.00	0.0
3,400.00	9.23 9.23	47.62 47.62	3,369.03 3,467.74	269.63 280.44	295.49 307.34	400.02 416.06	0.00	0.00	0.0
	9.23 9.23		,		319.20	432.11	0.00	0.00	0.00
3,600.00		47.62	3,566.44	291.26					
3,700.00	9.23	47.62	3,665.14	302.08	331.05	448.16 464.20	0.00 0.00	0.00	0.00
3,800.00	9.23	47.62	3,763.85	312.89	342.90	464.20		0.00	
3,900.00	9.23	47.62	3,862.55	323.71	354.76	480.25	0.00	0.00	0.0
4,000.00	9.23	47.62	3,961.26	334.52	366.61	496.29	0.00	0.00	0.00
4,100.00	9.23	47.62	4,059.96	345.34	378.46	512.34	0.00	0.00	0.00
4,200.00	9.23	47.62	4,158.67	356.16	390.32	528.39	0.00	0.00	0.00
4,300.00	9.23	47.62	4,257.37	366.97	402.17	544.43	0.00	0.00	0.00
4,400.00	9.23	47.62	4,356.07	377.79	414.02	560.48	0.00	0.00	0.00
4,500.00	9.23	47.62	4,454.78	388.60	425.88	576.53	0.00	0.00	0.00
4,600.00	9.23	47.62	4,553.48	399.42	437.73	592.57	0.00	0.00	0.00
4,700.00	9.23	47.62	4,652.19	410.24	449.58	608.62	0.00	0.00	0.00
4,800.00	9.23	47.62	4,750.89	421.05	461.43	624.67	0.00	0.00	0.00
4,900.00	9.23	47.62	4,849.59	431.87	473.29	640.71	0.00	0.00	0.0
5,000.00	9.23	47.62	4,948.30	442.68	485.14	656.76	0.00	0.00	0.00
5,100.00	9.23	47.62	5,047.00	453.50	496.99	672.81	0.00	0.00	0.00

Scientific Drilling

Planning Report

Database:

EDM 2003.16 Multi-User Db

Company:

Newfield Exploration Co. Duchesne County, UT NAD83 UTC

Project: Site:

West Point

Well:

Wellbore: Design:

West Point N-6-9-16

ОН Plan #1 Local Co-ordinate Reference:

TVD Reference:

MD Reference: North Reference:

Survey Calculation Method:

Well West Point N-6-9-16

GL 5898' & RKB 12' @ 5910.00ft GL 5898' & RKB 12' @ 5910.00ft

Minimum Curvature

d Survey									
Measured			Vertical			Vertical	Dogleg	Build	Turn
Depth (ft)	Inclination (°)	Azimuth (°)	Depth (ft)	+N/-S (ft)	+E/-W (ft)	Section (ft)	Rate (°/100ft)	Rate (°/100ft)	Rate (°/100ft)
5,300.00	9.23	47.62	5,244.41	475.13	520.70	704.90	0.00	0.00	0.00
5,400.00	9.23	47.62	5,343.12	485.95	532.55	720.94	0.00	0.00	0.00
5,500.00	9.23	47.62	5,441.82	496.76	544.41	736.99	0.00	0.00	0.00
5,600.00	9.23	47.62	5,540.52	507.58	556.26	753.04	0.00	0.00	0.00
5,700.00	9.23	47.62	5,639.23	518.40	568.11	769.08	0.00	0.00	0.00
5,800.00	9.23	47.62	5,737.93	529.21	579.97	785.13	0.00	0.00	0.00
5,900.00	9.23	47.62	5,836.64	540.03	591.82	801.18	0.00	0.00	0.00
6,000.00	9.23	47.62	5,935.34	550.84	603.67	817.22	0.00	0.00	0.00
6,100.00	9.23	47.62	6,034.05	561.66	615.53	833.27	0.00	0.00	0.00
6,200.00	9.23	47.62	6,132.75	572.48	627.38	849.32	0.00	0.00	0.00
6,300.00	9.23	47.62	6,231.45	583.29	639.23	865.36	0.00	0.00	0.00
6,394,77	9.23	47.62	6,325.00	593.54	650.47	880.57	0.00	0.00	0.00

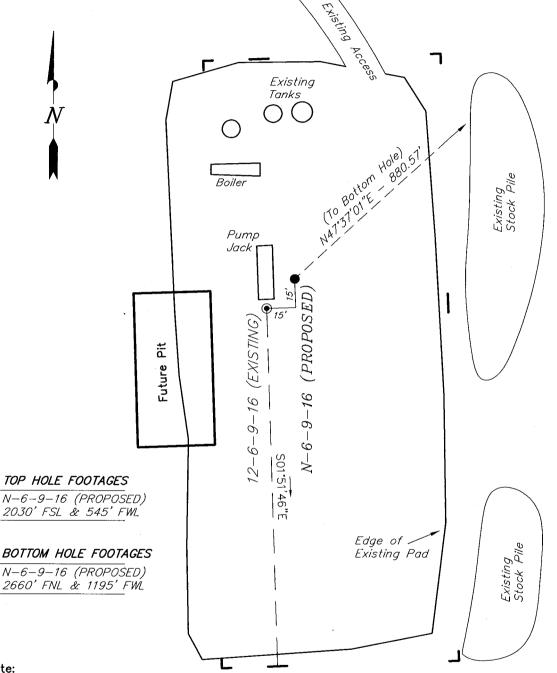
Targets									
Target Name - hit/miss target - Shape	Dip Angle (°)	Dip Dir. (°)	TVD (ft)	+N/-S (ft)	+E/-W (ft)	Northing (ft)	Easting (ft)	Latitude	Longitude
WP N-6-9-16 PBHL - plan hits target ce - Circle (radius 75.		0.00	6,325.00	593.54	650.47	7,193,340.52	2,013,566.97	40° 3' 35.666 N	110° 10' 0.374 W

NEWFIELD PRODUCTION COMPANY

WELL PAD INTERFERENCE PLAT

WEST POINT N-6-9-16 (Proposed Well) WEST POINT 12-6-9-16 (Existing Well)

Pad Location: NWSW (LOT 6) Section 6, T9S, R16E, S.L.B.&M.



Note:

Bearings are based on GLO Information.

RELATI	IVE COO	RDINATES			
From top	RELATIVE COORDINATES om top hole to bottom hole				
	T				
\A/C1	NODTH				

WELL	NORTH	EAST
N-6-9-16	594'	650'

LATITUDE & LONGITUDE Surface position of Wells (NAD 83)

WELL	LATITUDE	LONGITUDE
N-6-9-16	40° 03′ 29.80″	110° 10′ 08.74"
12-6-9-16	40° 03' 29.64"	110° 10′ 08.92″

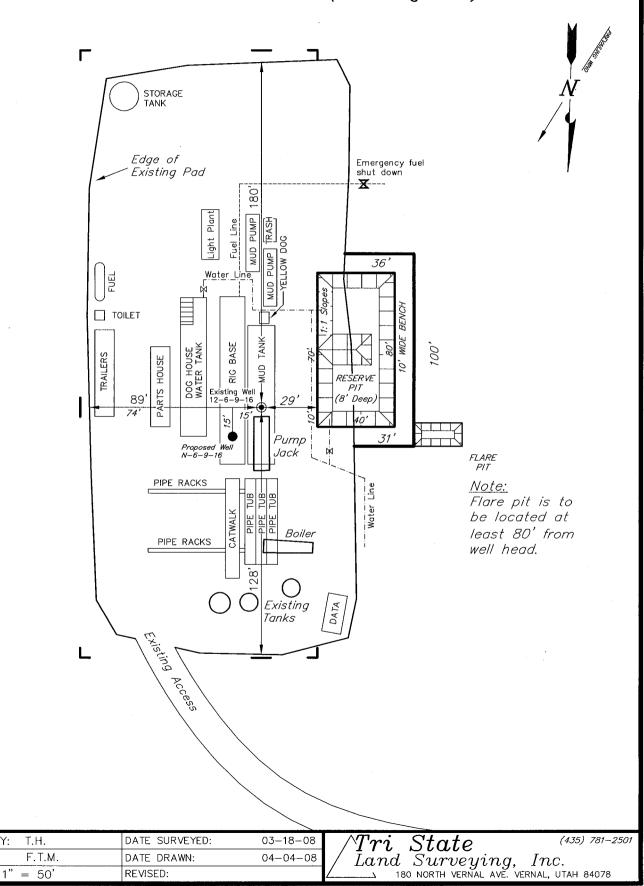
SURVEYED BY:	T.H.	DATE SURVEYED:	03-18-08
DRAWN BY:	F.T.M.	DATE DRAWN:	04-04-08
SCALE: 1"	= 50'	REVISED:	

 $egin{array}{lll} egin{array}{lll} Tri & State & {}^{ ext{(435)}} & 781-2501 \ & Land & Surveying, & Inc. \ & ____ & 180 & NORTH & VERNAL & AVE. & VERNAL, UTAH & 84078 \ \end{array}$

NEWr IELD PRODUCTION COMPANY

TYPICAL RIG LAYOUT

WEST POINT N-6-9-16 (Proposed Well) WEST POINT 12-6-9-16 (Existing Well)



SURVEYED BY:

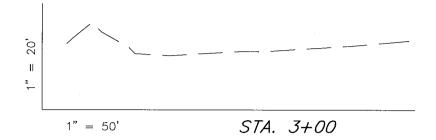
DRAWN BY:

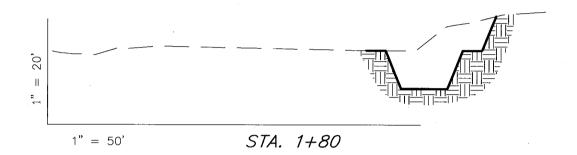
SCALE:

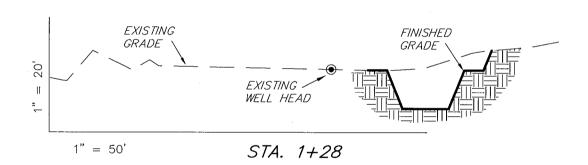
NEW FIELD PRODUCTION COMPANY

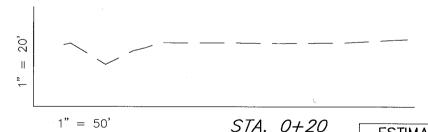
CROSS SECTIONS

WEST POINT N-6-9-16 (Proposed Well) WEST POINT 12-6-9-16 (Existing Well)









NOTE: UNLESS OTHERWISE NOTED CUT SLOPES ARE AT 1:1 FILL SLOPES ARE AT 1.5:1 ESTIMATED EARTHWORK QUANTITIES
(No Shrink or swell adjustments have been used)
(Expressed in Cubic Yards)

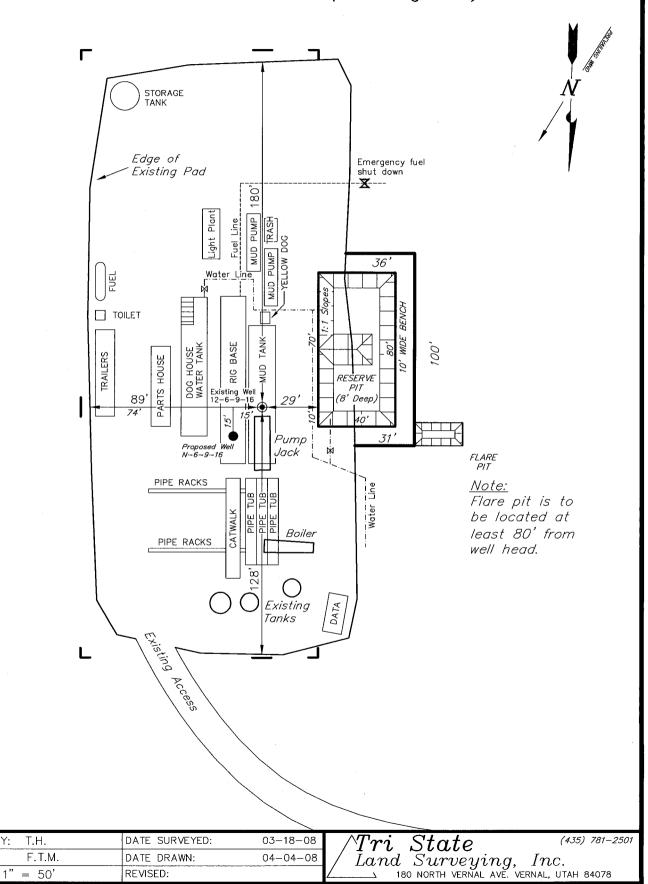
ITEM CUT FILL 6" TOPSOIL EXCESS Topsoil is not included in Pad Cut PAD 590 590 PIT 640 0 640 TOTALS 1,230 140 1,230

SURVEYED) BY: T.H.	DATE SURVEYED:	03-18-08
DRAWN B	Y: F.T.M.	DATE DRAWN:	04-04-08
SCALE:	1" = 50'	REVISED:	

NEW IELD PRODUCTION COMPANY

TYPICAL RIG LAYOUT

WEST POINT N-6-9-16 (Proposed Well) WEST POINT 12-6-9-16 (Existing Well)



SURVEYED BY:

DRAWN BY:

SCALE:

Newfield Production Company Proposed Site Facility Diagram

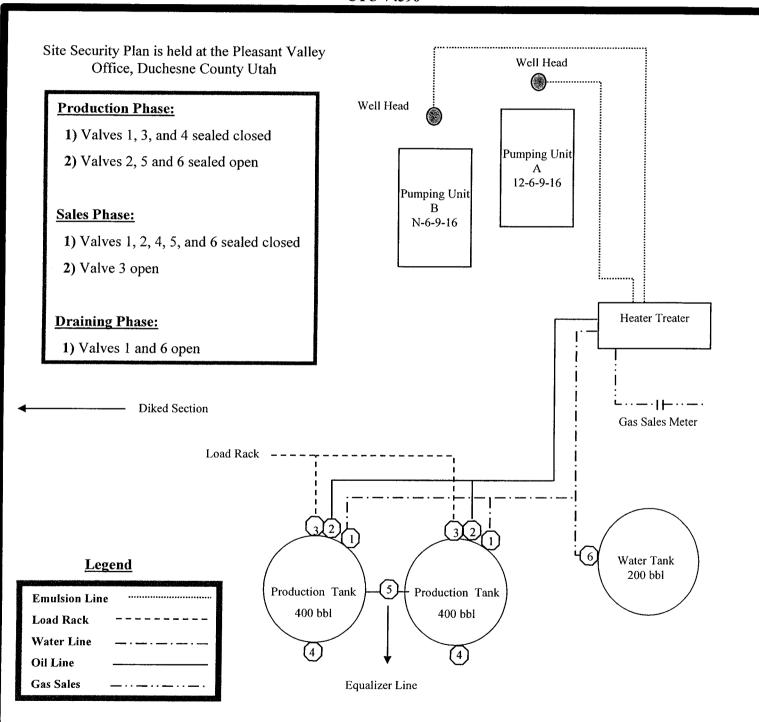
West Point Federal N-6-9-16

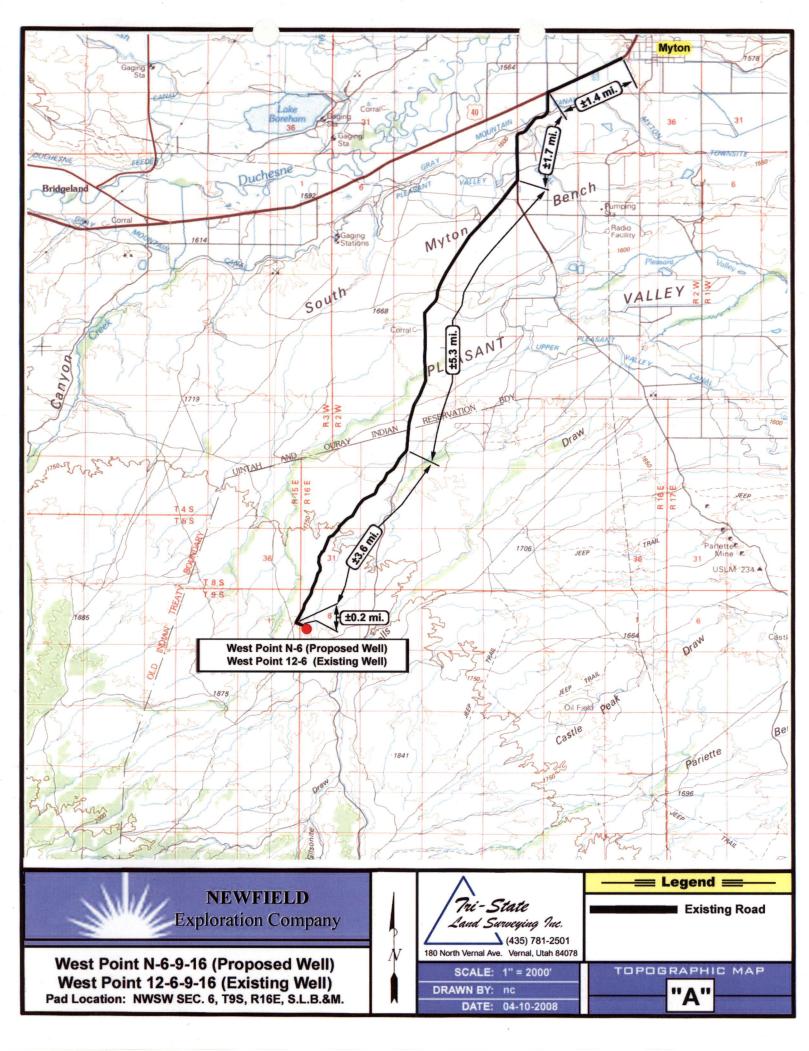
From the 12-6-9-16 Location

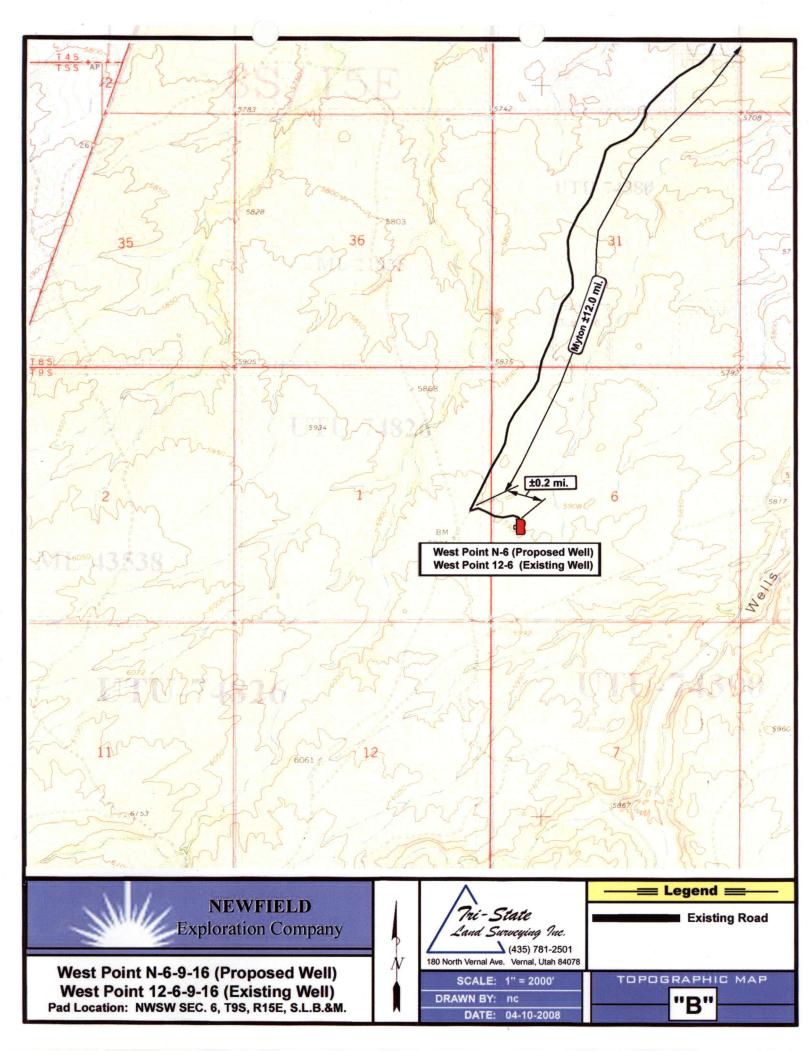
NW/SW Sec. 6, T9S, R16E

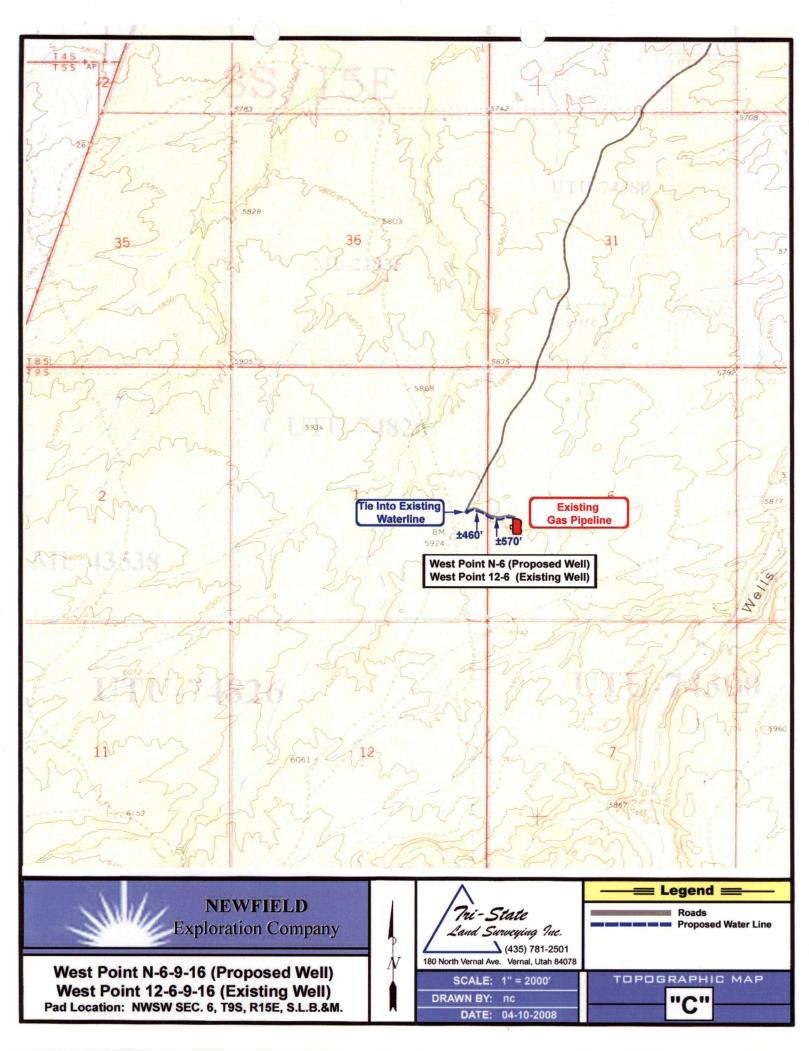
Duchesne County, Utah

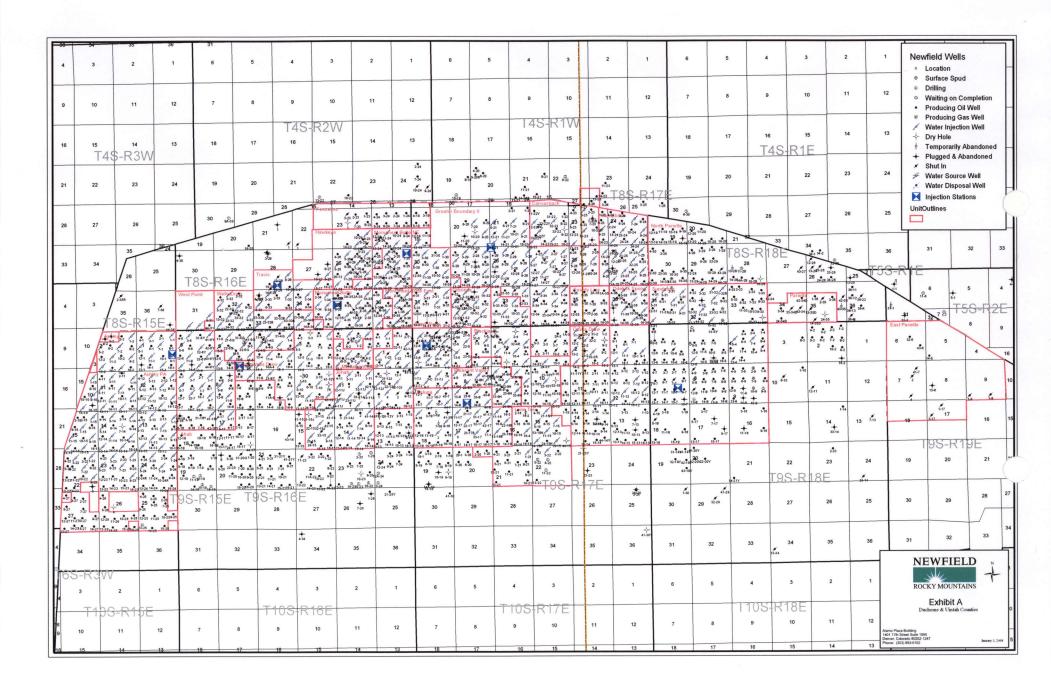
UTU-74390

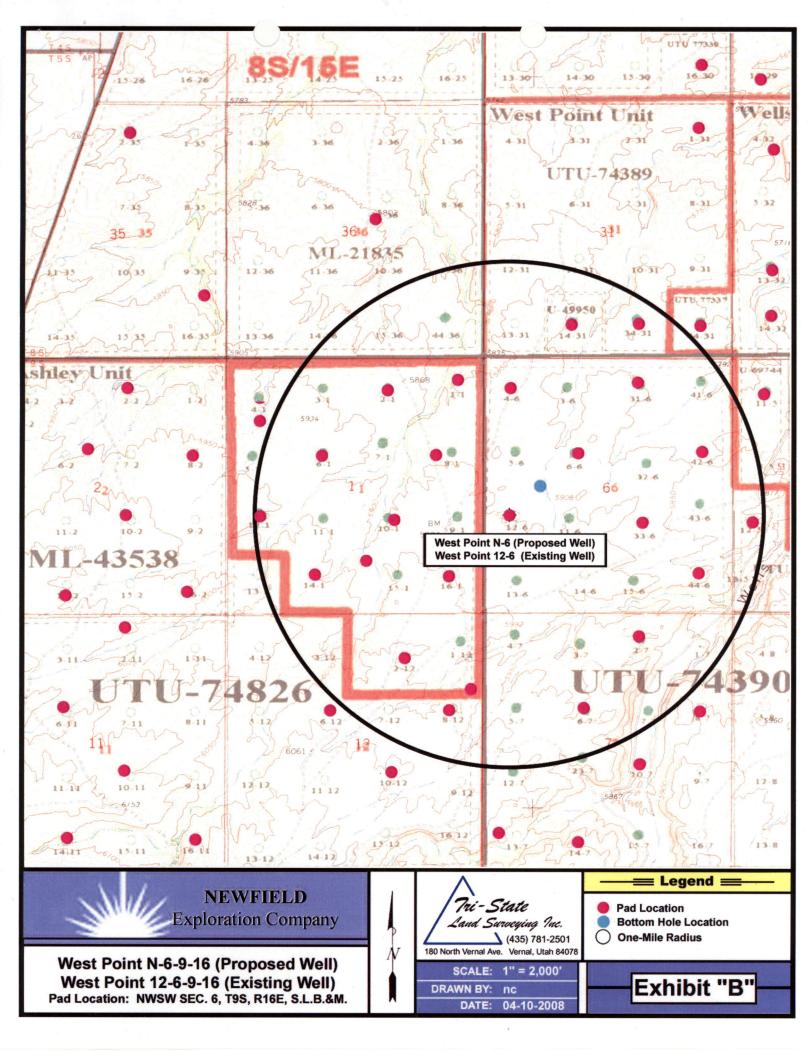












2-M SYSTEM

Blowout Prevention Equipment Systems

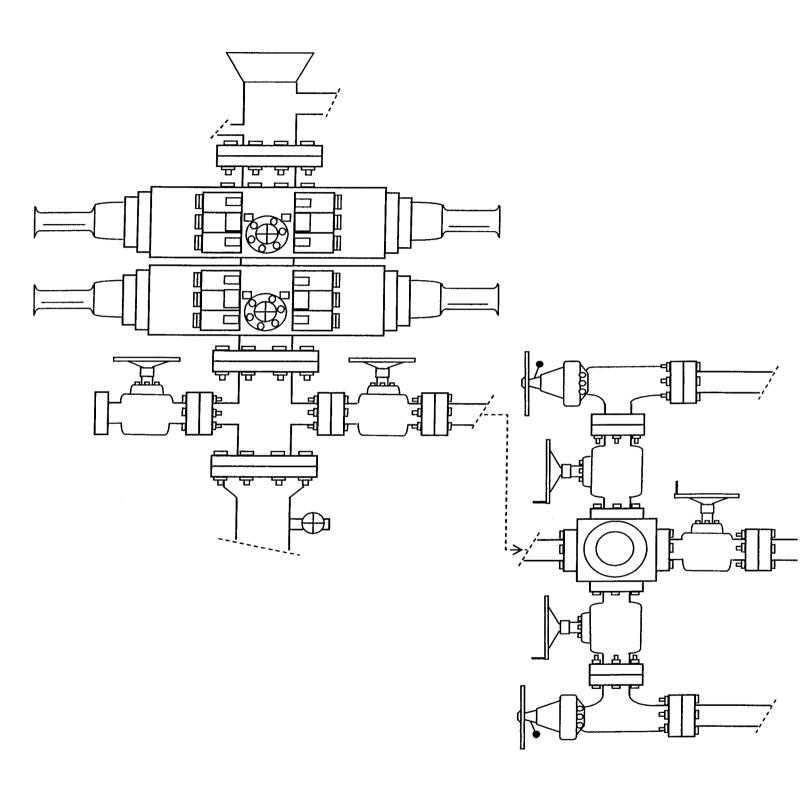


EXHIBIT C

Exhibit 'D"
lof 0

CULTURAL RESOURCE INVENTORY OF NEWFIELD EXPLORATION'S PROPOSED WELLS DRAW 33-33B-8-16, WELLS DRAW 24-32-8-16, WEST POINT 6-6-9-16, AND WEST POINT 12-6-9-16 WATERLINES, DUCHESNE COUNTY, UTAH

By:

Jacki A. Montgomery

Prepared for:

Bureau of Land Management
Vernal Field Office
and
School and Institutional
Trust Lands Administration

Prepared Under Contract With:

Newfield Exploration Company Rt. 3 Box 3630 Myton, Utah 84052

Submitted By:

Montgomery Archaeological Consultants Inc. P.O. Box 219 Moab, Utah 84532

MOAC Report No. 08-169

August 5, 2008

United States Department of Interior (FLPMA)
Permit No. 08-UT-60122

State of Utah Antiquities Project (Survey) Permit No. U-08-MQ-0624bs

2 562

NEWFIELD EXPLORATION COMPANY

PALEONTOLOGICAL SURVEY OF PROPOSED PRODUCTION DEVELOPMENT AREAS, DUCHESNE & UINTAH COUNTIES, UTAH

NE 1/4, NE 1/4, Section 32, T 8 S, R 18 E (1-32RT-8-18); NW 1/4, SW 1/4, Section 25, SE 1/4, SW 1/4, Section 32 & NW 1/4, SE 1/4 Section 33, T 8 S, R 16 E (12-25-8-16; 24-32-8-16; 33-33B-8-16); SE 1/4, NW 1/4, & NW 1/4, SW 1/4 Section 6, T 9 S, R 16 E (6-9-16; 12-6-9-16); NW 1/4, SW 1/4, Section 33, T 8 S, R 17 E (12-33-8-17); and SW 1/4, NE 1/4, Section 3, T 9 S, R 17 E (7-3-9-17)

REPORT OF SURVEY

Prepared for:

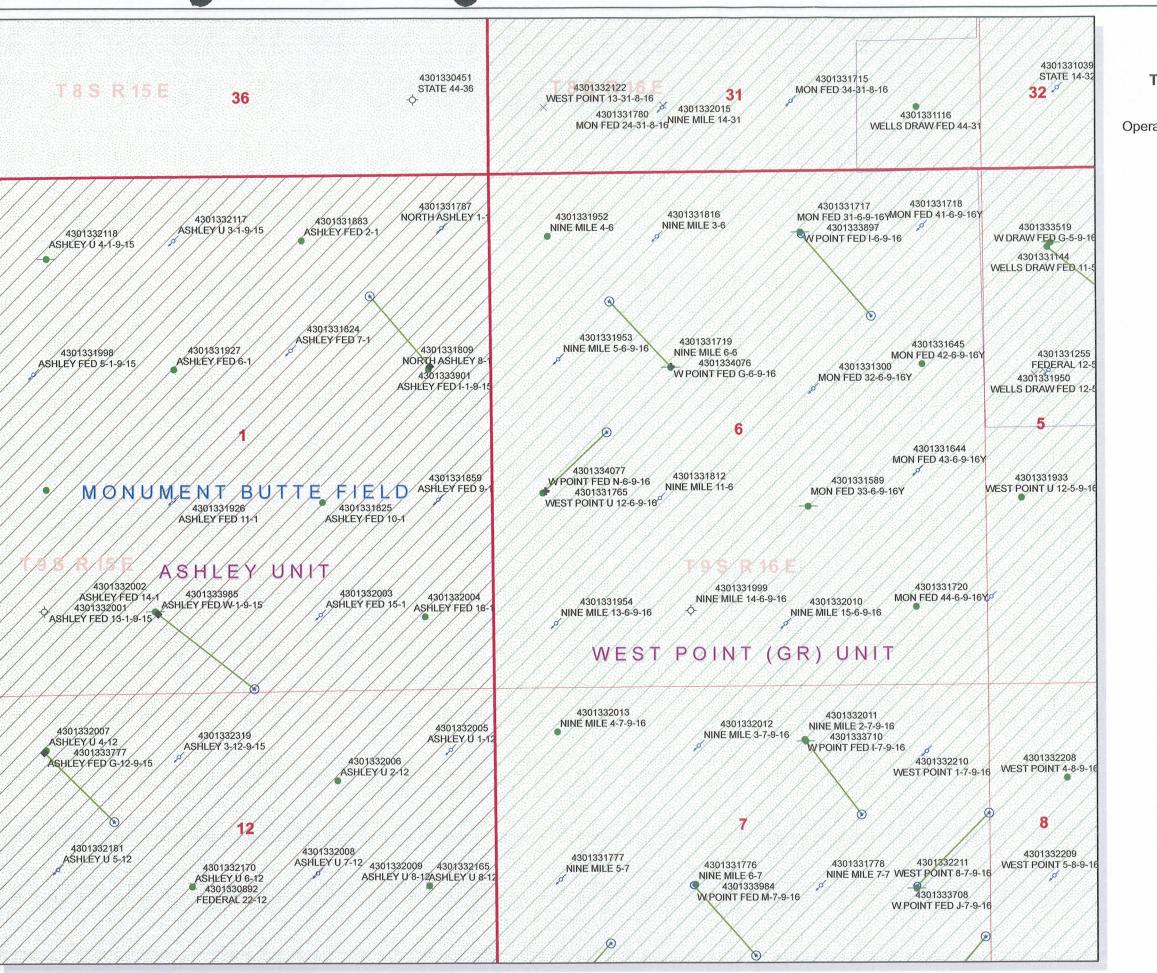
Newfield Exploration Company

Prepared by:

Wade E. Miller Consulting Paleontologist June 25, 2008

WORKSHEET APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 09/08/2008	API NO. ASSI	FNED: 43-013	-34077
WELL NAME: W POINT FED N-6-9-16			
OPERATOR: NEWFIELD PRODUCTION (N2695)	PHONE NUMBER:	435-646-3721	
CONTACT: MANDIE CROZIER			
PROPOSED LOCATION:	INSPECT LOCATE	1 BY: /	/
NWSW 06 090S 160E SURFACE: 2030 FSL 0545 FWL	Tech Review	Initials	Date
BOTTOM: 2624 FSL 1195 FWL	Engineering		
COUNTY: DUCHESNE LATITUDE: 40.05830 LONGITUDE: -110.1684	Geology		
UTM SURF EASTINGS: 570926 NORTHINGS: 44343	Surface		
FIELD NAME: MONUMENT BUTTE (105)		
LEASE TYPE: 1 - Federal			
LEASE NUMBER: UTU-74390	PROPOSED FORMA	TION: GRRV	,
SURFACE OWNER: 1 - Federal	COALBED METHAN		
RECEIVED AND/OR REVIEWED:	LOCATION AND SITING:		
Plat	R649-2-3.		
Bond: Fed[1] Ind[] Sta[] Fee[]	Unit: WEST POINT (GR	RV)	
(No. <u>WYB000493</u>)		4444	
Potash (Y/N)	R649-3-2. General Siting: 460 From Q		rtween Wells
Oil Shale 190-5 (B) or 190-3 or 190-13 Water Permit	R649-3-3. Excep		
(No. 43-7478)		,01011	
RDCC Review (Y/N)	Drilling Unit	ال المحا	
(Date:)	Board Cause No: Eff Date:	5-14-1998	
<u>NAA</u> Fee Surf Agreement (Y/N)	Siting: Su Splin	as Jenes &	Siting
<u>NMV</u> Intent to Commingle (Y/N)	_ ✓ R649-3-11. Dir€	ectional Dril	1
COMMENTS:	(1.)		
COMMENTS:	() ()		
STIPULATIONS: 1. teaux Copyra			
			



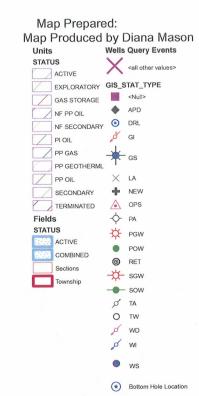
API Number: 4301334077

Well Name: W POINT FED N-6-9-16

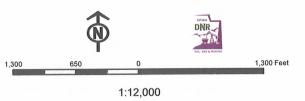
Township 09.0 S Range 16.0 E Section 06

Meridian: SLBM

Operator: NEWFIELD PRODUCTION COMPANY









September 4, 2008

State of Utah, Division of Oil, Gas and Mining ATTN: Diana Mason PO Box 145801 Salt Lake City, UT 84114-5801

RE:

Directional Drilling

West Point Federal N-6-9-16

West Point Unit UTU-77107X

Surface Hole:

T9S R16E, Section 6: Lot 6

2030' FSL 545' FWL

At Target:

T9S R16E, Section 6

2624' FSL 1195' FWL

Duchesne County, Utah

Dear Ms. Mason;

Pursuant to the filing of Newfield Production Company's ("NPC") Application for Permit to Drill dated August 27, 2008, a copy of which is attached, for the above referenced well, and in accordance with Oil and Gas Conservation Rule R649-3-11, NPC hereby submits this letter as notice of our intention to directionally drill this well.

The surface hole location and target location of this well are both within the boundaries of the West Point Unit UTU-77107X. Newfield certifies that it is the West Point Unit Operator and all lands within 460 feet of the entire directional well bore are within the West Point Unit.

NPC is permitting this well as a directional well in order to minimize surface disturbance. By directionally drilling from the referenced surface location, NPC will be able to utilize the existing roads and pipelines in this area.

NPC hereby requests our application for permit to drill be granted pursuant to R649-3-11. If you have any questions or require further information, please do not hesitate to contact the undersigned at 303-382-4444 or by email at reveland@newfield.com. Your consideration of this matter is greatly appreciated.

Sincerely,

Roxann Eveland Land Associate

popun Eirland

RECEIVED
SEP 0 8 2008

DIV. OF OIL, GAS & MINING

(September 2001)	OMB No	APPROVEL o. 1004-013 inuary 31, 20	36			
UNITED STATES DEPARTMENT OF THE IT	5. Lease Serial No.					
BUREAU OF LAND MANAGE	UTU-74390					
APPLICATION FOR PERMIT TO DI	RILL OR	REENTER		6. If Indian, Allottee or Tribe Name		
				N/A		
1a. Type of Work: ☑ DRILL ☐ REENTE	R			7. If Unit or CA Agreement, Name and No.		
				West Point Unit		
1b. Type of Well:	X	Single Zone	nla 7ona	8. Lease Name and Well No. West Point Federal N-6-9-16		
2. Name of Operator		Single Zone - Muni	pie Zolie		ai N-6-9-1	b
Newfield Production Company				9. API Well No.	3-0/3-	34077
3a. Address	į .	No. (include area code)		10. Field and Pool, or Exploratory		
Route #3 Box 3630, Myton UT 84052		35) 646-3721		Monument E		-
4. Location of Well (Report location clearly and in accordance with	any State re	equirements.*)		11. Sec., T., R., M., or	r Blk. and	Survey or Area
At surface NW/SW (LOT #6) 2030' FSL 545' FWL				Sec. 6, T9S	R16E	
At proposed prod. zone 2624' FSL 1195' FWL	10-7			12 6 5 5 5 5		1.0
14. Distance in miles and direction from nearest town or post office*				12. County or Parish		13. State
Approximatley 12.2 miles southwest of Myton, Utah 15. Distance from proposed*	Tic No.	of Acres in lease	17 0	Duchesne	11	UT
location to nearest	16. No. 0	of Acres in lease	17. Spacing	g Unit dedicated to this	weii	
property or lease line, ft. (Also to nearest drig. unit line, if any) Approx. 1195' f/lse, 1195' f/unit	2037.19			20 Acres		
18. Distance from proposed location*	19. Prop	osed Depth	20. BLM/E	BIA Bond No. on file		
to nearest well, drilling, completed, applied for, on this lease, ft. Approx. 1293'	6	325'	W	WYB000493		
21. Elevations (Show whether DF, KDB, RT, GL, etc.)	22. Appr	oximate date work will sta	rt*	23. Estimated duration	on .	
5898' GL	4th Q	uarter 2008		Approximately seven (7) days from spud to rig release.		
	24. A	ttachments				
The following, completed in accordance with the requirements of Onshor	e Oil and C	as Order No.1, shall be att	ached to this	form:		
 Well plat certified by a registered surveyor. A Drilling Plan. 		4. Bond to cover the Item 20 above).	ne operation	ns unless covered by an	existing l	bond on file (see
3. A Surface Use Plan (if the location is on National Forest System	Lands the	5. Operator certific				
SUPO shall be filed with the appropriate Forest Service Office).		6. Such other site authorized office		ormation and/or plans a	is may be	required by the
25. Signature	Naı	me (<i>Printed/Typed</i>)		BALANCE TO STATE OF THE STATE O	Date	
Il lamilion-		andie Crozier			8/27/0	08
Title Regulatory Specialist					•	
Approved by (Signature)	, Na	me (Printed/Typed)		7	Date	
Trobble	`. . i	DDADI EV G	ши і		Da-	-16-08
Title	of	NVIRONMENTAL MA	NAGER			
Application approval does not warrant or certify the the applicant holds le operations thereon.	gal or equit	able title to those rights in	the subject le	ease which would entitl	e the appli	icant to conduct
Conditions of approval, if any, are attached.						
Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it States any false, fictitious or fraudulent statements or representations as to			d willfully to	make to any departme	nt or agen	icy of the United

*(Instructions on reverse)

Earn 2160 2

Federal Approval of this Action is Necessary

BHL 571122X 4434532Y 40.059432

-110.166094

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SEP 0 8 2008

DIV. OF OIL, GAS & MINING

Sur k 570924X 44343494 40,058299 -110.148414

T9S, R16E, S.L.B.&M.

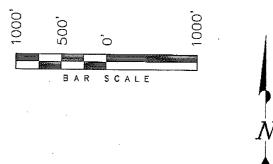
S89°57'W - 77.68 (G.L.O.) N89'50'23"W - 2486.50' (Meas.) N89°52'42"W - 2638.68' (Meas.) 1910 Brass Cap Brass Cap Brass Cap LOT 4 LOT 3 LOT 2 LOT 1 LOT 5 1910 1910 Brass Cap Brass Cap 1195 Bottom NORTH S0.01'E of Hole WELL LOCATION: WEST POINT N-6-9-16 of Hole ELEV. EXIST. GRADED GROUND = 5898 DRILLING LOT 7 Brass Cap Brass Cap S89°56'E G.L.O. (Basis of Bearings) S89°50'58"E - 2646.41' (Meas.) 2492.21' (Measured) \$89.56'E - 77.76 (G.L.O.)

♦ = SECTION CORNERS LOCATED

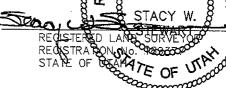
BASIS OF ELEV; U.S.G.S. 7-1/2 min QUAD (MYTON SW) WEST POINT N-6-9-16 (Surface Location) NAD 83 LATITUDE = 40° 03' 29.80" LONGITUDE = 110' 10' 08.74"

NEWFIELD PRODUCTION COMPANY

WELL LOCATION, WEST POINT N-6-9-16, LOCATED AS SHOWN IN THE NW 1/4 SW 1/4 (LOT 6) OF SECTION 6, T9S, R16E, S.L.B.&M. DUCHESNE COUNTY, UTAH.



THIS IS TO CERTIFY THAT OFFE ABOVE PEAT WAS PREPARED FROM FIELD ROLL OF ACTUAL SURVEYS MADE BY ME OR UNDER MY SUPPROSION IN THAT THE SAME ARE TRUB AND SORRECT TO SITE BEST OF MY KNOWLEDGE AND FILEP NO. 189377



TRI STATE LAND SURVEYING & CONSULTING

180 NORTH VERNAL AVE. - VERNAL, UTAH 84078 (435) 781-2501

DATE SURVEYED: 03-18-08	SURVEYED BY: T.H.	
DATE DRAWN: 04-04-08	DRAWN BY: F.T.M.	
REVISED:	SCALE: 1" = 1000'	

United States Department of the Interior

BUREAU OF LAND MANAGEMENT Utah State Office P.O. Box 45155 Salt Lake City, Utah 84145-0155

IN REPLY REFER TO: 3160 (UT-922)

September 16, 2008

Memorandum

To:

Assistant District Manager Minerals, Vernal District

From:

Michael Coulthard, Petroleum Engineer

Subject:

2008 Plan of Development West Point Unit, Duchesne

County, Utah.

Pursuant to email between Diana Whitney, Division of Oil, Gas and Mining, and Mickey Coulthard, Utah State Office, Bureau of Land Management, the following wells are planned for calendar year 2008 within the West Point Unit, Duchesne County, Utah.

API#

WELL NAME

LOCATION

(Proposed PZ Green River)

43-013-34076 W Point Fed G-6-9-16 Sec 06 T09S R16E 1992 FNL 1870 FWL BHL Sec 06 T09S R16E 1315 FNL 1235 FWL

43-013-34077 W Point Fed N-6-9-16 Sec 06 T09S R16E 2030 FSL 0545 FWL BHL Sec 06 T09S R16E 2624 FSL 1195 FWL

43-013-34078 W Point Fed K-7-9-16 Sec 07 T09S R16E 1982 FSL 0643 FEL BHL Sec 07 T09S R16E 2685 FSL 0050 FEL

43-013-34079 W Point Fed N-8-9-16 Sec 08 T09S R16E 2035 FNL 2087 FWL BHL Sec 08 T09S R16E 2580 FNL 1320 FWL

We have no objections to permitting the wells so long as the unit operator receives an exception to the locating and siting requirements of the State of Utah (R649-3-2).

/s/ Michael L. Coulthard

bcc: File

File - West Point Unit

Division of Oil Gas and Mining

Central Files Agr. Sec. Chron Fluid Chron



State of Utah DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER
Executive Director

Division of Oil, Gas and Mining

JOHN R. BAZA
Division Director

September 16, 2008

Newfield Production Company Rt. #3, Box 3630 Myton, UT 84052

Re:

West Point Federal N-6-9-16 Well, Surface Location 2030' FSL, 545' FWL, NW SW,

Sec. 6, T. 9 South, R. 16 East, Bottom Location 2624' FSL, 1195' FWL, NW SW,

Sec. 6, T. 9 South, R. 16 East, Duchesne County, Utah

Gentlemen:

Pursuant to the provisions and requirements of Utah Code Ann.§ 40-6-1 *et seq.*, Utah Administrative Code R649-3-1 *et seq.*, and the attached Conditions of Approval, approval to drill the referenced well is granted.

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date. The API identification number assigned to this well is 43-013-34077.

Sincerely,

Gil Hunt

Associate Director

pab Enclosures

cc:

Duchesne County Assessor

Bureau of Land Management, Vernal Office



Operator:	Newfie	eld Production Company		
Well Name & Number	er West Point Federal N-6-9-16			
API Number:	43-013	-34077		
Lease:	UTU-7	4390		
Surface Location: <u>NW SW</u>	Sec. <u>6</u>	T. 9 South	R. <u>16 East</u>	
Bottom Location: <u>NW SW</u>	Sec. <u>6</u>	T. <u>9 South</u>	R. <u>16 East</u>	
	Conditions of	Innrovol		

Conditions of Approval

1. General

Compliance with the requirements of Utah Admin. R. 649-1 *et seq.*, the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for permit to drill.

2. Notification Requirements

Notify the Division within 24 hours of spudding the well.

• Contact Carol Daniels at (801) 538-5284

Notify the Division prior to commencing operations to plug and abandon the well.

• Contact Dustin Doucet at (801) 538-5281 (801) 733-0983 home

3. Reporting Requirements

All required reports, forms and submittals will be promptly filed with the Division, including but not limited to the Entity Action Form (Form 6), Report of Water Encountered During Drilling (Form 7), Weekly Progress Reports for drilling and completion operations, and Sundry Notices and Reports on Wells requesting approval of change of plans or other operational actions.

- 4. State approval of this well does not supersede the required federal approval, which must be obtained prior to drilling.
- 5. In accordance with Utah Admin. R.649-3-11, Directional Drilling, the operator shall submit a complete angular deviation and directional survey report to the Division within 30 days following completion of the well.

RECEIVED NITTHAL FIELD OFFICE

Form 3160-3 (September 2001) m) era 5 hJ io io

FORM APPROVED OMB No. 1004-0136 Expires January 31, 2004

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

DEPARTMENT OF THE IN		PRAT OF THE	արտանու	5. Lease Serial No.	200	
BUREAU OF LAND MANAG	EMENT	FERRALI OF LA	ND MG	UTU-743	Tribe Name	
BUREAU OF LAND MANAG APPLICATION FOR PERMIT TO DR	ILL OR F	REENTER		N/A	TTIBO TTUMO	
la. Type of Work: DRILL REENTER			7. If Unit or CA Agreement, Name and No. West Point Unit			
1b. Type of Well: 🗵 Oil Well 🔲 Gas Well 🚨 Other	⊠ s	ingle Zone 📮 Multip	ole Zone	 Lease Name and Well West Point Federal N 		
Name of Operator Newfield Production Company				9. API Well No. 43 013 3	4077	
l l		o. (include area code)		10. Field and Pool, or Exploratory		
Route #3 Box 3630, Myton UT 84052	<u>.</u>	5) 646-3721		Monument Butt		
4. Location of Well (Report location clearly and in accordance with a At surface NW/SW(LOT #6) 2030' FSL 545' FWL At proposed prod. zone 2624' FSL 1195' FWL		uirements.*)		11. Sec., T., R., M., or Bl		r Area
~~~	t 6			12. County or Parish	13. Star	to .
<ol> <li>Distance in miles and direction from nearest town or post office*</li> <li>Approximatley 12.2 miles southwest of Myton, Utah</li> </ol>				Duchesne	UT	.0
15. Distance from proposed* location to nearest	16. No. of	Acres in lease	17. Spacing	ng Unit dedicated to this well		
property or lease line, ft. (Also to nearest drig, unit line, if any)  Approx. 1195' fflee, 1195' ffunit	203	7.19		20 Acres		
18. Distance from proposed location*	19. Propos	ed Depth	20. BLM/E	BIA Bond No. on file		
to nearest well, drilling, completed, applied for, on this lease, ft.  Approx. 1293'	63	25'	v	VYB000493		
21. Elevations (Show whether DF, KDB, RT, GL, etc.)	••	•••		23. Estimated duration		
5898' GL		arter 2008		Approximately seven (7) days from	n spud to rig release.	
		achments				
<ol> <li>The following, completed in accordance with the requirements of Onshord</li> <li>Well plat certified by a registered surveyor.</li> <li>A Drilling Plan.</li> <li>A Surface Use Plan (if the location is on National Forest System I SUPO shall be filed with the appropriate Forest Service Office).</li> </ol>		4. Bond to cover the Item 20 above). 5. Operator certification.	ne operation ation. specific info	s form:  ns unless covered by an ex  ormation and/or plans as n	-	·
25. Signature		e (Printed/Typed) ndie Crozier	-	Da		
Title Regulatory Specialist	ı IVIA	Tidle Crozlei		i C	3/27/08	
Approved by (Signature)	Nam	e (Printed/Typed)		D	FEB 0	3 2000
Title Assistant Field Manager	Offic	JELLY KENEE		APPIAR APPIAR	I LD 0	2 Z009
Lands & Mineral Resources	<u> </u>	* VERNAL				
Application approval does not warrant or certify the the applicant holds le operations thereon.  Conditions of approval, if any, are attached.	gal or equital	ole title to those rights in SOFA	the subject	lease which would entitle the	e applicant to c	onduct HED
Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a States any false, fictitious or fraudulent statements or representations as to			d willfully t	o make to any department	or agency of the	e United

*(Instructions on reverse)

NOS 5/5/08 AFMSS# 08P8 7794

NOTICE OF AFFROVAL

DIV. OF OIL, GAS & MINING



## UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

VERNAL FIELD OFFICE VERNAL, UT 84078

(435) 781-4400



## CONDITIONS OF APPROVAL FOR APPLICATION FOR PERMIT TO DRILL

Company: Newfield Production Company

Location:

Lot 6, Sec. 6, T9S, R16E (S)

Lot 6, Sec. 6, T9S, R16E (B)

Well No:

West Point Federal N-6-9-16

Lease No:

UTU-74390

API No:

43-013-34077

Agreement:

West Point Unit

Title	Name	Office Phone Number	Cell Phone Number
Petroleum Engineer:	Matt Baker	(435) 781-4490	(435) 828-4470
Petroleum Engineer:	Michael Lee	(435) 781-4432	(435) 828-7875
Petroleum Engineer:	Ryan Angus	(435) 781-4430	(435) 828-7368
Supervisory Petroleum Technician:	Jamie Sparger	(435) 781-4502	(435) 828-3913
Supervisory NRS:	Karl Wright	(435) 781-4484	(435) 828-7381
NRS/Enviro Scientist:	Holly Villa	(435) 781-4404	(435) 828-3544
NRS/Enviro Scientist:	James Hereford	(435) 781-3412	
NRS/Enviro Scientist:	Chuck Macdonald	(435) 781-4441	(435) 828-7481
NRS/Enviro Scientist:	Dan Emmett	(435) 781-3414	
NRS/Enviro Scientist:	Paul Percival	(435) 781-4493	
NRS/Enviro Scientist:	Michael Cutler	(435) 781-3401	(435) 828-3546
NRS/Enviro Scientist:	Anna Figueroa	(435) 781-3407	(435) 828-3548
NRS/Enviro Scientist:	Verlyn Pindell	(435) 781-3402	(435) 828-3547
NRS/Enviro Scientist:	Nathan Packer	(435) 781-3405	(435) 828-3545
NRS/Enviro Scientist:	David Gordon	(435) 781-4424	
NRS/Enviro Scientist:	Christine Cimiluca	(435) 781-4475	
NRS/Enviro Scientist:	Lori Ford	(435) 781-4406	
		77 (40 5) 504 0 400	

Fax: (435) 781-3420

## A COPY OF THESE CONDITIONS SHALL BE FURNISHED TO YOUR FIELD REPRESENTATIVE TO INSURE COMPLIANCE

All lease and/or unit operations are to be conducted in such a manner that full compliance is made with the applicable laws, regulations (43 CFR Part 3160), and this approved Application for Permit to Drill including Surface and Downhole Conditions of Approval. The operator is considered fully responsible for the actions of his subcontractors. A copy of the approved APD must be on location during construction, drilling, and completion operations. This permit is approved for a two (2) year period, or until lease expiration, whichever occurs first. An additional extension, up to two (2) years, may be applied for by sundry notice prior to expiration.

#### NOTIFICATION REQUIREMENTS

Location Construction	-	Forty-Eight (48) hours prior to construction of location and
(Notify Environmental Scientist)		access roads.
Location Completion	-	Prior to moving on the drilling rig.
(Notify Environmental Scientist)		
Spud Notice	-	Twenty-Four (24) hours prior to spudding the well.
(Notify Petroleum Engineer)		
Casing String & Cementing	-	Twenty-Four (24) hours prior to running casing and cementing
(Notify Supv. Petroleum Tech.)		all casing strings.
BOP & Related Equipment Tests	-	Twenty-Four (24) hours prior to initiating pressure tests.
(Notify Supv. Petroleum Tech.)		
First Production Notice	-	Within Five (5) business days after new well begins or
(Notify Petroleum Engineer)		production resumes after well has been off production for more
		than ninety (90) days.

## SURFACE USE PROGRAM CONDITIONS OF APPROVAL (COAs)

- If there is an active Gilsonite mining operation within 2 miles of the well location, operator shall notify the Gilsonite operator at least 48 hours prior to any blasting during construction.
- If paleontological materials are uncovered during construction, the operator is to immediately stop work and contact the Authorized Officer (AO). A determination will be made by the AO as to what mitigation may be necessary for the discovered paleontologic material before construction can continue.

#### **SITE SPECIFIC COAs:**

#### STIPULATIONS:

None

## Lease Notices from RMP:

The lessee/operator is given notice the area has been identified as containing Golden eagle habitat. Modifications may be required in the Surface Use Plan to protect the Golden eagle and/or its habitat from surface disturbance activities in accordance with Section 6 of the lease terms, Endangered Species Act, and 43 CFR 3101.1-2.

The lessee/operator is given notice the area has been identified as containing Ferruginous hawk habitat. Modifications may be required in the Surface Use Plan to protect the Ferruginous hawk and/or its habitat from surface disturbance activities in accordance with Section 6 of the lease terms, Endangered Species Act, and 43 CFR 3101.1-2.

#### **Comments:**

NONE

#### Follow-up Actions and/or Recommendations:

Please be aware that this Special Status Species wildlife clearance is effective for 1 year from the date of the onsite date. Any proposals submitted after the date of this report (onsite) shall require additional surveys and clearances.

#### CONDITIONS OF APPROVAL:

- All traffic related to this action will be restricted to approved routes. Cross-country vehicle travel will not be allowed.
- All pipelines (surface and buried) will be laid within one 50' wide construction ROW, on one side of the road, and will reduce down to a 30' wide permanent ROW on lease.
- A temporary road ROW will not be granted. The road ROW will be 30 foot for construction and will reduce to an 18 foot running surface.

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- The access road will be crowned and ditched. Flat-bladed roads are not allowed. All roads will have an 18', crowned (2 to 3% minimum), running surface. All roads will have drainage ditches along both sides of road.
- No vehicle travel, construction or routine maintenance activities shall be performed during periods when
  the soil is too wet to adequately support vehicles and/or construction equipment. If such equipment
  creates ruts in excess of three inches deep, the soil shall be deemed too wet to adequately support
  construction equipment.
- If additional erosion occurs during the life of this project, more culverts, low water crossings, berms, wing ditches or etc. will be needed to control the erosion.
- Low-water crossings will be appropriately constructed to avoid sedimentation of drainage ways and other water resources.
- Pipelines will be buried at all major drainage crossings.
- Prevent fill and stock piles from entering drainages.
- To insure impermeability, the reserve pit will be lined with a 16 ml or greater liner and felt prior to spudding.
- The liner is to be cut 5 feet below ground surface or at the level of the cuttings, whichever is deeper, and the excess liner material is to be disposed of at an authorized disposal site.
- When the reserve pit contains fluids or toxic substances, the operator must ensure animals do not ingest or become entrapped in pit fluids.
- Any hydrocarbons in the reserve pit will be removed **immediately** upon well completion; in accordance with 43 CFR 3162.7-1. Pits must be free of oil and other liquid and solid wastes prior to filling.
- Monument Butte SOP, Section 9.2 Pit Fencing Minimum Standards will be strictly adhered to. To include 9.2.2.3 Corner posts will be cemented and/or braced in such a manner as to keep fence tight at all times.
- If Uinta Basin hookless cactus or other special status plants are found, construction will cease and the AO will be notified to determine the appropriate mitigation.
- During operations, if any vertebrate paleontological resources are discovered, in accordance with Section 6 of form 3100-11 and CFR 3162.1, all operations affecting such sites shall be immediately suspended, and all discoveries shall be left intact until authorized to proceed by the Authorized Officer.
- Within 90 calendar days of the approval date for this Application for Permit to Drill (APD), the operator/lessee shall submit to the Authorized Officer (AO), on Sundry Notice Form 3160-5, an Interim/Final Surface Reclamation Plan for surface disturbance on well pads, access roads, and pipelines. At a minimum, this will include the reshaping of the pad to the original contour to the extent possible; the re-spreading of the top soil up to the rig anchor points; and, the area reseeded using appropriate reclamation methods. The AO will provide written approval or concurrence within 30 calendar days of receipt.

#### • Interim Reclamation:

The topsoil from the reserve pit shall be stripped and piled separately near the reserve pit. When the reserve pit is closed, it shall be re-contoured and the topsoil re-spread, and the area shall be **seeded using a rangeland drill**. Seeding depth as per AO, or seed distributor. If portions of the site are too steep (>40%), or rocky, that portion may be broadcast seeded. If broadcasting seed, the seed shall be walked into the soil with a dozer immediately after the seeding is completed, or covered by soil using a drag chain. Seeding shall occur in the fall (August 1st until snow or ground is frozen) with the following seed mix:

#### Seed mix:

Common name	Latin name	lbs/acre	Recommended seed planting depth
Squirreltail grass	Elymus elymoides	3.0	1/4 - 1/2"
Siberian wheatgrass	Agropyron fragile	1.0	1/2"
Shadscale saltbush	Atriplex confertifolia	0.50	1/2"
Four-wing saltbush	Atriplex canescens	0.50	1/2"
Gardner's saltbush	Atriplex gardneri	0.50	1/2"
Scarlet	Sphaeralcea	0.10	1/8 - 1/4"
globemallow	coccineá		

- All pounds are pure live seed.
- All seed and mulch will be certified weed free.
- Rates are set for drill seeding; double rate if broadcasting.
- Reseeding may be required if initial seeding is not successful.

#### Final reclamation:

Once the location is plugged and abandoned, the well location, access, and any disturbed areas shall be recontoured to natural topography, topsoil shall be re-spread, and the entire location shall be seeded following guidelines in the seed mix bullet statement above. Final seed mix: same as interim.

- Noxious and/or invasive weeds will be controlled along access roads, pipelines, well sites, and all other
  applicable facilities. Any noxious and/or invasive weeds outbreak, directly attributed to the activities of
  the Operator, will be the responsibility of the Operator to control. On BLM administered land, a Pesticide
  Use Proposal (PUP) must be submitted and approved prior to the application of herbicides, pesticides, or
  other possibly hazardous chemicals.
- The topsoil from the reserve pit shall be stripped and piled separately near the reserve pit. When the reserve pit is closed, it shall be re-contoured and the topsoil re-spread, and the area shall be seeded in the same manner as the location topsoil.
- Once the location is plugged and abandoned, it shall be re-contoured to natural topology, topsoil shall be re-spread, and the entire location shall be seeded with a seed mix recommended by the AO (see above). Seed application will follow all guidelines in the interim seed mix bullet statement above. If reclamation seeding should take place using the broadcast method, the seed at a minimum will be walked into the soil with a dozer immediately after the seeding is completed.

- The authorized officer may prohibit surface disturbing activities during wet or muddy conditions to minimize watershed damage. This limitation does not apply to operation and maintenance of producing wells.
- All well facilities not regulated by OSHA will be painted Carlsbad Canyon.
- All boulders with a length or diameter greater than 3 feet, that are found showing at the surface, will be stockpiled for use during final reclamation.
- Notify the Authorized Officer 48 hours prior to surface disturbing activities.

# DOWNHOLE PROGRAM CONDITIONS OF APPROVAL (COAs)

#### SITE SPECIFIC DOWNHOLE COAs:

- A copy of Newfield's Standard Operating Practices (SOP version: dated 4/18/08 and approved 5/12/08) shall be on location.
- Drilling plan specifics and practices are referenced in the Newfield Standard Operating Procedures (SOP version: April 18, 2008). The operators drilling plan items 4 to 8 reference the SOP. Newfield shall adhere to the referenced requirements in the SOP.
- Newfield and their contractors shall adhere to all Oil and Gas rules and requirements listed in the Code of Federal Regulations and all Federal Onshore Oil and Gas Orders except where variances have been granted.
- Production casing cement shall be brought up and into the surface.
- Covering air/gas drilling operations, requirements will be adhered to covering air/gas drilling operations as described in Onshore Order #2 III. E. 1. Drilling Operations, Special Drilling Operations, air/gas drilling.
- Logging: A Gamma Ray well Log shall be run from the well Total Depth to the surface. A copy of the Gamma Ray well Log shall be submitted to the BLM Vernal Field Office.
- A copy of the directional survey shall be submitted to the BLM Vernal Field Office.

All provisions outlined in Onshore Oil & Gas Order #2 Drilling Operations shall be strictly adhered to. The following items are emphasized:

# DRILLING/COMPLETION/PRODUCING OPERATING STANDARDS

- The spud date and time shall be reported orally to Vernal Field Office within 24 hours of spudding.
- Notify Vernal Field Office Supervisory Petroleum Engineering Technician at least 24 hours in advance of casing cementing operations and BOPE & casing pressure tests.
- All requirements listed in Onshore Order #2 III. E. Special Drilling Operations are applicable for air drilling of surface hole.
- Blowout prevention equipment (BOPE) shall remain in use until the well is completed or abandoned. Closing unit controls shall remain unobstructed and readily accessible at all times. Choke manifolds shall be located outside of the rig substructure.

- All BOPE components shall be inspected daily and those inspections shall be recorded in the daily drilling report. Components shall be operated and tested as required by Onshore Oil & Gas Order No. 2 to insure good mechanical working order. All BOPE pressure tests shall be performed by a test pump with a chart recorder and **NOT** by the rig pumps. Test shall be reported in the driller's log.
- BOP drills shall be initially conducted by each drilling crew within 24 hours of drilling out from under the surface casing and weekly thereafter as specified in Onshore Oil & Gas Order No. 2.
- Casing pressure tests are required before drilling out from under all casing strings set and cemented in place.
- No aggressive/fresh hard-banded drill pipe shall be used within casing.
- Cement baskets shall not be run on surface casing.
- The operator must report all shows of water or water-bearing sands to the BLM. If flowing water is encountered it must be sampled, analyzed, and a copy of the analyses submitted to the BLM Vernal Field Office.
- The operator must report encounters of all non oil & gas mineral resources (such as Gilsonite, tar sands, oil shale, trona, etc.) to the Vernal Field Office, in writing, within 5 working days of each encounter. Each report shall include the well name/number, well location, date and depth (from KB or GL) of encounter, vertical footage of the encounter and, the name of the person making the report (along with a telephone number) should the BLM need to obtain additional information.
- A complete set of angular deviation and directional surveys of a directional well will be submitted to the Vernal BLM office engineer within 30 days of the completion of the well.
- While actively drilling, chronologic drilling progress reports shall be filed directly with the BLM, Vernal Field Office on a weekly basis in sundry, letter format or e-mail to the Petroleum Engineers until the well is completed.
- A cement bond log (CBL) will be run from the production casing shoe to the <u>top of cement</u> and shall be utilized to determine the bond quality for the production casing. Submit a field copy of the CBL to this office.
- Please submit an electronic copy of all other logs run on this well in LAS format to UT_VN_Welllogs@BLM.gov. This submission will supersede the requirement for submittal of paper logs to the BLM.
- There shall be no deviation from the proposed drilling, completion, and/or workover program as approved. Safe drilling and operating practices must be observed. Any changes in operation must have prior approval from the BLM Vernal Field Office.

# **OPERATING REQUIREMENT REMINDERS:**

- All wells, whether drilling, producing, suspended, or abandoned, shall be identified in accordance with 43 CFR 3162.6. There shall be a sign or marker with the name of the operator, lease serial number, well number, and surveyed description of the well.
- In accordance with 43 CFR 3162.4-3, this well shall be reported on the "Monthly Report of Operations" (Oil and Gas Operations Report ((OGOR)) starting with the month in which operations commence and continue each month until the well is physically plugged and abandoned. This report shall be filed in duplicate, directly with the Minerals Management Service, P.O. Box 17110, Denver, Colorado 80217-0110, or call 1-800-525-7922 (303) 231-3650 for reporting information.
- Should the well be successfully completed for production, the BLM Vernal Field office must be notified when it is placed in a producing status. Such notification will be by written communication and must be received in this office by not later than the fifth business day following the date on which the well is placed on production. The notification shall provide, as a minimum, the following informational items:
  - Operator name, address, and telephone number.
  - o Well name and number.
  - o Well location (1/41/4, Sec., Twn, Rng, and P.M.).
  - O Date well was placed in a producing status (date of first production for which royalty will be paid).
  - o The nature of the well's production, (i.e., crude oil, or crude oil and casing head gas, or natural gas and entrained liquid hydrocarbons).
  - The Federal or Indian lease prefix and number on which the well is located; otherwise the non-Federal or non-Indian land category, i.e., State or private.
  - O Unit agreement and/or participating area name and number, if applicable.
  - o Communitization agreement number, if applicable.
- Any venting or flaring of gas shall be done in accordance with Notice to Lessees (NTL) 4A and needs prior approval from the BLM Vernal Field Office.
- All undesirable events (fires, accidents, blowouts, spills, discharges) as specified in NTL 3A will be reported to the BLM, Vernal Field Office. Major events, as defined in NTL3A, shall be reported verbally within 24 hours, followed by a written report within 15 days. "Other than Major Events" will be reported in writing within 15 days. "Minor Events" will be reported on the Monthly Report of Operations and Production.

- Whether the well is completed as a dry hole or as a producer, "Well Completion and Recompletion Report and Log" (BLM Form 3160-4) shall be submitted not later than 30 days after completion of the well or after completion of operations being performed, in accordance with 43 CFR 3162.4-1. Two copies of all logs run, core descriptions, and all other surveys or data obtained and compiled during the drilling, workover, and/or completion operations, shall be filed on BLM Form 3160-4. Submit with the well completion report a geologic report including, at a minimum, formation tops, and a summary and conclusions. Also include deviation surveys, sample descriptions, strip logs, core data, drill stem test data, and results of production tests if performed. Samples (cuttings, fluid, and/or gas) shall be submitted only when requested by the BLM, Vernal Field Office.
- All off-lease storage, off-lease measurement, or commingling on-lease or off-lease, shall have prior written approval from the BLM Vernal Field Office.
- Oil and gas meters shall be calibrated in place prior to any deliveries. The BLM Vernal Field Office Petroleum Engineers will be provided with a date and time for the initial meter calibration and all future meter proving schedules. A copy of the meter calibration reports shall be submitted to the BLM Vernal Field Office. All measurement facilities will conform to the API standards for liquid hydrocarbons and the AGA standards for natural gas measurement. All measurement points shall be identified as the point of sale or allocation for royalty purposes.
- A schematic facilities diagram as required by Onshore Oil & Gas Order No. 3 shall be submitted to the BLM Vernal Field Office within 30 days of installation or first production, whichever occurs first. All site security regulations as specified in Onshore Oil & Gas Order No. 3 shall be adhered to. All product lines entering and leaving hydrocarbon storage tanks will be effectively sealed in accordance with Onshore Oil & Gas Order No. 3.
- Any additional construction, reconstruction, or alterations of facilities, including roads, gathering lines, batteries, etc., which will result in the disturbance of new ground, shall require the filing of a suitable plan and need prior approval of the BLM Vernal Field Office. Emergency approval may be obtained orally, but such approval does not waive the written report requirement.
- No location shall be constructed or moved, no well shall be plugged, and no drilling or workover equipment shall be removed from a well to be placed in a suspended status without prior approval of the BLM Vernal Field Office. If operations are to be suspended for more than 30 days, prior approval of the BLM Vernal Field Office shall be obtained and notification given before resumption of operations.
- Pursuant to Onshore Oil & Gas Order No. 7, this is authorization for pit disposal of water produced from this well for a period of 90 days from the date of initial production. A permanent disposal method must be approved by this office and in operation prior to the end of this 90-day period. In order to meet this deadline, an application for the proposed permanent disposal method shall be submitted along with any necessary water analyses, as soon as possible, but no later than 45 days after the date of first production. Any method of disposal which has not been approved prior to the end of the authorized 90-day period will be considered as an Incident of Noncompliance and will be grounds for issuing a shut-in order until an acceptable manner for disposing of said water is provided and approved by this office.

Page 10 of 10 Well: West Point Fed N-6-9-16 1/30/2009

• Unless the plugging is to take place immediately upon receipt of oral approval, the Field Office Petroleum Engineers must be notified at least 24 hours in advance of the plugging of the well, in order that a representative may witness plugging operations. If a well is suspended or abandoned, all pits must be fenced immediately until they are backfilled. The "Subsequent Report of Abandonment" (Form BLM 3160-5) must be submitted within 30 days after the actual plugging of the well bore, showing location of plugs, amount of cement in each, and amount of casing left in hole, and the current status of the surface restoration.

	STATE OF UTAH		FORM 9
	DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MININ	G	5.LEASE DESIGNATION AND SERIAL NUMBER: UTU-74390
SUNDF	RY NOTICES AND REPORTS OF	N WELLS	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
Do not use this form for proposition bottom-hole depth, reenter plu DRILL form for such proposals.	sals to drill new wells, significantly deepen exis ugged wells, or to drill horizontal laterals. Use A	sting wells below current APPLICATION FOR PERMIT TO	7.UNIT or CA AGREEMENT NAME: WEST POINT (GRRV)
1. TYPE OF WELL Oil Well			8. WELL NAME and NUMBER: W POINT FED N-6-9-16
2. NAME OF OPERATOR: NEWFIELD PRODUCTION COM	IPANY		9. API NUMBER: 43013340770000
3. ADDRESS OF OPERATOR: Rt 3 Box 3630 , Myton, UT, 84		PHONE NUMBER:	9. FIELD and POOL or WILDCAT: MONUMENT BUTTE
4. LOCATION OF WELL FOOTAGES AT SURFACE: 2030 FSL 0545 FWL			COUNTY: DUCHESNE
QTR/QTR, SECTION, TOWNSHI Qtr/Qtr: NWSW Section: 06	IP, RANGE, MERIDIAN: 5 Township: 09.0S Range: 16.0E Meridian: S		STATE: UTAH
11. CHE	CK APPROPRIATE BOXES TO INDICATE N	IATURE OF NOTICE, REPORT,	OR OTHER DATA
TYPE OF SUBMISSION		TYPE OF ACTION	
	☐ ACIDIZE ☐	ALTER CASING	CASING REPAIR
✓ NOTICE OF INTENT Approximate date work will start: 8/31/2009	☐ CHANGE TO PREVIOUS PLANS	CHANGE TUBING	CHANGE WELL NAME
8/31/2009	☐ CHANGE WELL STATUS	COMMINGLE PRODUCING FORMATIONS	☐ CONVERT WELL TYPE
SUBSEQUENT REPORT	☐ DEEPEN ☐	FRACTURE TREAT	☐ NEW CONSTRUCTION
Date of Work Completion:	☐ OPERATOR CHANGE	PLUG AND ABANDON	☐ PLUG BACK
	☐ PRODUCTION START OR RESUME ☐	RECLAMATION OF WELL SITE	☐ RECOMPLETE DIFFERENT FORMATION
SPUD REPORT Date of Spud:	☐ REPERFORATE CURRENT FORMATION ☐	SIDETRACK TO REPAIR WELL	☐ TEMPORARY ABANDON
	☐ TUBING REPAIR ☐	VENT OR FLARE	WATER DISPOSAL
☐ DRILLING REPORT	☐ WATER SHUTOFF ☐	SI TA STATUS EXTENSION	✓ APD EXTENSION
Report Date:	☐ WILDCAT WELL DETERMINATION ☐	OTHER	OTHER:
12. DESCRIBE PROPOSED OR CO	     DMPLETED OPERATIONS. Clearly show all pertine	nt details including dates, depths, v	olumes, etc.
Newfield Production (	Company requests to extend the	Permit to Drill this well	
	for one year.		Approved by the Utah Division of
			Oil, Gas and Mining
			on, cas and rining
		D	ate: August 31, 2009
		_	R 00 C1/10
		В.	A: Treatment
NAME (PLEASE PRINT) Mandie Crozier	PHONE NUMBER	TITLE Regulatory Tech	
SIGNATURE	435 646-4825	DATE	
N/A		8/31/2009	



# The Utah Division of Oil, Gas, and Mining

- State of Utah
- Department of Natural Resources

**Electronic Permitting System - Sundry Notices** 

# Request for Permit Extension Validation Well Number 43013340770000

**API:** 43013340770000

Well Name: W POINT FED N-6-9-16

Location: 2030 FSL 0545 FWL QTR NWSW SEC 06 TWNP 090S RNG 160E MER S

Company Permit Issued to: NEWFIELD PRODUCTION COMPANY

**Date Original Permit Issued:** 9/16/2008

The undersigned as owner with legal rights to drill on the property as permitted above, hereby verifies that the information as submitted in the previously approved application to drill, remains valid and does not requ

ire revi	sion. Following is a chec	klist of some items related to the app	plication, which should be verified.
	ated on private land, has ed? 📗 Yes 🌘 No	s the ownership changed, if so, has th	ne surface agreement been
		the vicinity of the proposed well white the transfer to the tr	ich would affect the spacing or
	nere been any unit or otl s proposed well? 🔘 Ye	her agreements put in place that coul es 📵 No	ld affect the permitting or operation
	there been any changes the proposed location?	to the access route including owners  Yes No	ship, or rightof- way, which could
• Has th	ne approved source of w	rater for drilling changed? 🔘 Yes 🌘	No No
		changes to the surface location or ac as discussed at the onsite evaluation?	
• Is bor	nding still in place, which	h covers this proposed well? 📵 Yes	Approved by the s No Utah Division of Oil, Gas and Mining
nature:	Mandie Crozier	<b>Date:</b> 8/31/2009	
Title:	Regulatory Tech Represe	enting: NEWFIELD PRODUCTION COMPA	NY <b>Date:</b> August 31, 2009
			7/12 00 /

Sig

By: Dally

# Spid BLM - Vernal Field Office - Notification Form

Operator <u>Newfield Exploration</u> Rig Name/# Ross Rig #
21 Submitted By Don Bastian Phone Number 435
823-6012
Well Name/Number West Point Federal N-6-9-16
Qtr/Qtr NW/SW Section 6 Township 9 S Range 16E
Lease Serial Number <u>UTU-74390</u>
API Number 43-013- 34077
Could Nation Could is the initial coulding of the well not drilling
<u>Spud Notice</u> – Spud is the initial spudding of the well, not drilling
out below a casing string.
Date/Time <u>12/29/09</u> <u>8: 00</u> AM ∑ PM ☐
<u>Casing</u> – Please report time casing run starts, not cementing
times.
Surface Casing
Intermediate Casing
Production Casing
Liner
Other
Date/Time <u>12/29/09</u> <u>8:00</u> AM ∑ PM ☐
BOPE
Initial BOPE test at surface casing point
BOPE test at intermediate casing point
30 day BOPE test
Other
Date/Time AM PM PM

Remarks Ross Rig #21 Will Spud The West Point Federal N-6-9-16 At 8:00 AM Should Start Csg In Hole About 3:00pm 12/29/09

STATE OF UTAH DIVISION OF OIL, GAS AND MINING **ENTITY ACTION FORM -FORM 6** 

OPERATOR: NEWFIELD PRODUCTION COMPANY ADDRESS: RT. 3 BOX 3630

OPERATOR ACCT. NO.

N2695

**MYTON, UT 84052** 

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME			WELL	LOCATION	· · · · · · · · · · · · · · · · · · ·	SPUD	EFFECTIVE
		L			QQ	SC	41	RG	COUNTY	SPUD DATE	DATE
В	99999	17400	4301333986	ASHLEY Q-15-9-15	SESW	15	98	15E	DUCHESNE	12/19/2009	1/13/2010
WELL 1 C	OMMENTS: GRR	ı /									17/2/000
	GIAC	V	$\overline{\mathcal{R}}$	HL = SESW							
405041							L				
ACTION	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	ga		LL LOCA			SPUD	EFFECTIVE
					1 00	SC	ŢΡ	RG	COUNTY	DATE	DATE
A	99999	11448	4304739079	FEDERAL 14-19-6-21	SESW	19	68	21E	UINTAH	12/21/2009	1/13/2010
ĺ	GRRI	1								***************************************	7-7-7-9
	CICIO	U									
***************************************		,	****		···			-			
ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	QQ	SC	WELL	LOCATION RG	COUNTY	SPUD DATE	EFFECTIVE
]										Cr (1 to	, .
Α	99999	17449	4304740581	UTE TRIBAL 9-1-5-1E	NESE	1	58	1E	UINTAH	12/22/2009	1/13/20/0
	GRRI	1									
	OKIU	j		· ·							
ACTION	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	aa	sc	WELL	LOCATION RG	COUNTY	SPUD DATE	EFFECTIVE
		i	•				<u> </u>	<u></u>	- COUNTY	UAIE	DATE
В	99999	17400	4301334077	WEST POINT N-6-9-16	NWSW	6	98	16E	DUCHESNE	12/29/2009	1/13/201
	GRRI	)		BAL=HWSW							
ACTION	CURRENT	NEW	API NUMBER	WELL NAME				LOCATION		SPUD	EFFECTIVE
CODE	ENTITY NO.	ENTITY NO.	·	The state of the s	GQ	sc	TP	RG	COUNTY	DATE	DATE
			ļ						1		
<u> </u>				1000	<u></u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>		
WELL 5 C	OMMENTS:										
											ļ
ACTION	CURRENT	Metal	API NUMBER	1671)	1		14				
CODE	ENTITY NO.	NEW ENTITY NO.	APINUMBER	WELL NAME	QQ	SC	TP	LOCATION RG	COUNTY	SPUD DATE	EFFECTIVE DATE
											145
		ļ	•								
WELL 5 CO	NIMENTO.	L		A CONTRACTOR OF THE PROPERTY O	<u>.t</u>	L	L	J	11		
**************************************	Janua Civi G.										
										_	
				T							

ACTION CODES (See instructions on back of form)

- A 1 new entity for new wetl (single well only)
- B • well to existing entity (group or unit well)
- C from one existing entity to another existing entity D - well from one existing entity to a new entity
- E ther (explain in comments section)

**RECEIVED** 

JAN 04 2010

Production/Clerk

Jentri Park

Date



#### **UNITED STATES** DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

OMB No. 1004-0137 Expires: July 31,2010 Lease Serial No.

FORM APPROVED

Do not use to abandoned w	USA UTU-74390 6. If Indian, Allottee or Tribe Name. 7. If Unit or CA/Agreement, Name and/or GMBU					
SUBMIT IN						
Oil Well Gas Well  2. Name of Operator	OMPANY			8. Well Name and W POINT N-6-9		
3a. Address Route 3 Box 3630  Myton, UT 84052  4. Location of Well (Footage,	Sec., T., R., M., or Survey Descrip	3b. Phone (include are 435.646.3721	code)	9. API Well No. 4301334077 10. Field and Pool, or Exploratory Area MONUMENT BUTTE		
NWSW Section 6 T9S R16E				11. County or Par DUCHESNE, U	JT	
12. CHECK	K APPROPRIATE BOX(ES	S) TO INIDICATE NA	TURE OF NO	OTICE, OR OT	HER DATA	
TYPE OF SUBMISSION		ТҮРЕ	OF ACTION			
☐ Notice of Intent ☑ Subsequent Report ☐ Final Abandonment	Acidize Alter Casing Casing Repair Change Plans Convert to Injector	Deepen Fracture Treat New Construction Plug & Abandon Plug Back	Deepen Production Fracture Treat Reclamat New Construction Recomple Plug & Abandon Temporar		Water Shut-Off Well Integrity Other Spud Notice	
A	and the second s					

13. Describe Proposed or Completed Operation: (Clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

On 12/29/09 MIRU Ross # 21. Spud well @ 9:00 am. Drill 320' of 12 1/4" hole with air mist. TIH W/ 7 Jt's 8 5/8" J-55 24 # csgn. Set @ 321.43'KB. On 1/2/2010 cement with 160 sks of class "G" w/ 3% CaCL2 + 1/4# sk Cello- Flake Mixed @ 15.8 ppg > 1.17 cf/ sk yeild. Returned 7 bbls cement to pit. WOC.

> RECEIVED JAN 19 2010

I hereby certify that the foregoing is true and correct (Printed/ Typed)	Title		
Jim Smith	Drilling Foreman		
Signature	Date 01/08/2010		
THIS SPACE FOR FEI	DERAL OR STATE OFFI	CE USE	
Approved by	Title	Date	
Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.	Office		

# **NEWFIELD PRODUCTION COMPANY - CASING & CEMENT REPORT**

			8 5/8"	CASING SET AT	Τ	321.43	_		
LAST CASING		SET AT	<del>-</del>		OPERATO	ıR	Newfield	Exploration	Company
DATUM	12	<u>-</u>	· · · · · · · · · · · · · · · · · · ·	ř		W POINT		Exploratio	oompany
DATUM TO CUT		NG	12	_		OSPECT			
DATUM TO BRA			12	<del>_</del> !		_		Ross # 21	
TD DRILLER				-		10.1.0	, <u></u>	11000	
HOLE SIZE	12 1/4"	;							
•				-					
LOG OF CASING	3 STRING:					F-00-1			
PIECES	OD	ITEM - N	AKE - DES	CRIPTION	WT/FT	GRD	THREAD	CONDT	LENGTH
1		Guide sho	e		†	-		A	0.9
1		WH						Α	0.95
1	8 5/8"	Shoe jt			24	J-55	STC	Α	44.55
6	8 5/8"	Csg			24	J-55	STC	A	265.03
CASING INVENT	ORY BAL.		FEET	JTS	TOTAL LEN	NGTH OF S	TRING		311.43
TOTAL LENGTH	OF STRING	G	311.43	7	LESS CUT	OFF PIECE	Ξ.		2
LESS NON CSG.			1.85		PLUS DATI	UM TO T/C	UT OFF CS	iG [	12
PLUS FULL JTS.	LEFT OUT		0		CASING SE	ET DEPTH			321.43
	TOTAL		309.58	7	١,			-	
TOTAL CSG. DEI	L. (W/O TH	RDS)	309.58	7	COMPAI	RE			
Т	IMING								
BEGIN RUN CSG	<del>)</del> .	Spud	9:00 AM	12/29/2009	GOOD CIR	C THRU JO	)B	Yes	
CSG. IN HOLE			5:00 PM		Bbls CMT C				
BEGIN CIRC			8:42 AM	1/2/2010	RECIPROC	ATED PIP	No		
BEGIN PUMP CM	/IT		9:00 AM	1/2/2010					
BEGIN DSPL. CM	/IT		9:10 AM	1/2/2010	BUMPED P	LUG TO	300		
PLUG DOWN			9:20 AM	1/2/2010			, .		

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JAN 1.9 2010

CEMENT USE	ED	CEMI	ENT COMPANY-	BJ		
STAGE	# SX	CEM	ENT TYPE & ADDIT	IVES		
	1 160		Class G +	-2 % Calcium cloride	9	
		······································				
		5. 5. 5.				
		· · · · · · · · · · · · · · · · · · ·				
				,		
		R PLACEMENT		SHOW MAK	E & SPACIN	G
Middle first to	p of second to	o of third for a total of thr	ee.			
COMPANY RE	PRESENTATIV	Jim Smith			DATE	1/2/2010

RECEIVED
JAN 1 9 2010



# **UNITED STATES**

FORM A	PPROVED
OMB No.	1004-013
Expires: It	ulv 31 201

SUNDR' Do not use of abandoned we submit in abandoned with abandoned we submit in abandoned		EMENT TS ON WELLS rill or to re-enter an ) for such proposals structions on page 2  8b. Phone (include are 435.646.3721		5. Lease Serial Nusa UTU-7433 6. If Indian, Allott 7. If Unit or CA/A GMBU 8. Well Name and W POINT N-6-9 9. API Well No. 4301334077	No16 -or Exploratory Area
	X APPROPRIATE BOX(ES)	TO INIDICATE NA	TURE OF N	OTICE, OR OT	HER DATA
TYPE OF SUBMISSION		TYPE	OF ACTION		
Notice of Intent  ✓ Subsequent Report	Acidize  Alter Casing Casing Repair Change Plans	Deepen Fracture Treat New Construction Plug & Abandon	Reclamat		Water Shut-Off  Well Integrity  Other  Weekly Status Report
Final Abandonment	Convert to Injector	Plug Back	Water Dis	sposal	
proposal is to deepen directionally o Bond under which the work will be of the involved operations. If the op Final Abandonment Notices shall be inspection.)  On 1/5/10 MIRU NDSI Ri csgn to 1,500 psi. Vernal cement & shoe. Drill a 7.8 log's TD to surface. PU & with 275 sks cement mixe cement to reserve pit. Nip	peration: (Clearly state all pertinent detail recomplete horizontally, give subsurface performed or provide the Bond No. on fill relation results in a multiple completion of filed only after all requirements, including #2. Set all equipment. Present BLM field, & Roosevelt DOG 875 hole with fresh water to a TIH with Guide shoe, shoe jted @ 11.0 ppg & 3.54 yld. The pole down Bop's. Drop slips @ 11.0 ppg & 3.54 yld.	e locations and measured and the with BLM/BIA. Required so the recompletion in a new interving reclamation, have been compared to the same test Kelly, TIW, M office was notifed to depth of 6320'. Lay one of the collar, 153 jt's one 400 sks cement mix 100,000 #'s tension	rue vertical depths absequent reports s al, a Form 3160-4 pleted, and the open choke manifor test. PU Brown drill strir of 5.5 J-55, 18 and @ 14.4 pleted @ 14.4 pleted @ 14.4 pleted with the country of 5.5 J-55, 18 and @ 14.4 pleted @ 14.4 pleted @ 14.4 pleted with the country of 5.5 J-55, 18 and @ 14.4 pleted @ 14.4 plete	s of all pertinent markershall be filed within 30 shall be filed once testierator has determined the fold, & Bop's to 2 HA and tag cemeng & BHA. Open 5.5# csgn. Set @pg & 1.24 yld. Reference of the file of the	rs and zones. Attach the days following completion ing has been completed. That the site is ready for final and the site is re
hereby certify that the foregoing is prect (Printed/ Typed)	true and	Title			
Don Bastian		Drilling Foreman	1		

01/11/2010 THIS SPACE FOR FEDERAL OR STATE OFFICE USE Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease Office which would entitle the applicant to conduct operations thereon.

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United Sections and fraudulent statements or representations as to any matter within its jurisdiction

(Instructions on page 2)

JAN 2 0 2010

# **NEWFIELD PRODUCTION COMPANY - CASING & CEMENT REPORT**

			5 1/2	CASING SET A	·	6311.12	-		
LAST CASING	8 5/8"	SET AT	321		OPERATO	R	Newfield	Exploration (	Company
DATUM				-	WELL			Exploration	company
DATUM TO CUT	OFF CASI	NG	12.00	•	FIELD/PRO		<del></del>		
DATUM TO BRA	DENHEAD	FLANGE	12.00	•		-		NDSI Rig #2	
TD DRILLER	6320	LOG	6312					<u> </u>	·····
HOLE SIZE	7 7/8"	-		<del></del>					
				-					
LOG OF CASING	STRING:							· · · · · · · · · · · · · · · · · · ·	
PIECES	OD	ITEM - M	IAKE - DES	CRIPTION	WT/FT	GRD	THREAD	CONDT	LENGTH
11	5 1/2"	Landing J	T		15.5#	J-55	LTC	Α	14
153	5 1/2"	LT&C Cas	sing		15.5#	J-55	LTC	Α	6255.61
1	5 1/2"	Float Colla	ar					Α	1.74
1	5 1/2"	LT&C Cas	sing		15.5#	J-55	LTC	Α	40.9
1	5 1/2"	Guide Sho	ре						0.87
					<u>                                     </u>				
			<u> </u>			<del></del>			
CASING INVENT			FEET	JTS	TOTAL LEN			Į.	6313.12
TOTAL LENGTH		3	6313.12		LESS CUT				14
LESS NON CSG.			1.25		PLUS DATI		UT OFF CS	iG [	12
PLUS FULL JTS.			205.6	5	CASING SE	ET DEPTH		L	6,311.12
	TOTAL		6517.47	5	<b>Ι</b> η				
TOTAL CSG. DEL		RDS)	6502.11	159	COMPA	RE			
	IMING								
BEGIN RUN CSG	1.	Spud	6:30 AM	1/11/2010	GOOD CIR				
CSG. IN HOLE		<del></del> :	10:00 AM	1/11/2010	Bbls CMT C				
BEGIN CIRC BEGIN PUMP CM			10:20 AM		RECIPROC	ATED PIP	<u>Yes</u>		
		<del></del> -	3:34 PM						
BEGIN DSPL. CM	11		4:22 PM	1/11/2010	BUMPED P	LUG TO _	2208		

4:42 PM

1/11/2010

PLUG DOWN

CEMENT OSED			CEMENT COMPANY-	BJ		
STAGE	# SX		CEMENT TYPE & ADD	ITIVES		
. 1	275		PL-II +3% KCL + 5# CS	SE +0.5# CF +2# KOL -	+.5 SMS+FP+SI	-
2	400		50:50:2 +3%KCL+0.5%	6EC-1+.25#CF+.05#SF	F+.3SMS=FP-6L	
	<b></b>					1111 1 11111 AM. 111.
	<u>       </u>					
				<del></del>		
	ļ					<u>.</u>
						· · · · · · · · · · · · · · · · · · ·
						<del></del>
				<u>.</u>		
	SCRATCHER F		<u> </u>	SHOW MAK	E & SPACING	3
Middle 1st Top	2nd & 3rd Then	1 1 op Of Every 3	Brd For Total Of 20	<del></del>		
COMPANY REP	RESENTATIVE	_ Don Bast	ian		DATE	1/11/2010

# STATE OF UTAH

	DEPARTMENT OF NATURAL REDIVISION OF OIL, GAS AND		5. LEASE DESIGNATION AND SERIAL NUMBER: USA UTU-74390
SUNDRY	Y NOTICES AND REPO	RTS ON WELLS	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
Do not use this form for proposals to dr	rill new wells, significantly deepen existing wells bel tal laterals. Use APPLICATION FOR PERMIT TO	ow current bottom-hole depth, reenter plugged DRILL form for such proposals.	7. UNIT or CA AGREEMENT NAME: GMBU
1. TYPE OF WELL: OIL WELL			8. WELL NAME and NUMBER: W POINT N-6-9-16
2. NAME OF OPERATOR:			9. API NUMBER:
NEWFIELD PRODUCTION COM	MPANY		4301334077
3. ADDRESS OF OPERATOR:		PHONE NUMBER	10. FIELD AND POOL, OR WILDCAT:
Route 3 Box 3630	CITY Myton STATE UT	ZIP 84052 435.646.3721	MONUMENT BUTTE
4. LOCATION OF WELL: FOOTAGES AT SURFACE:			COUNTY: DUCHESNE
OTR/OTR. SECTION. TOWNSHIP. RANGE	S. MERIDIAN: NWSW, 6, T9S, R16E		STATE: UT
CHECK APPRO	PRIATE BOXES TO INDICATE	E NATURE OF NOTICE, REPO	ORT, OR OTHER DATA
TYPE OF SUBMISSION		TYPE OF ACTION	
	ACIDIZE	DEEPEN	REPERFORATE CURRENT FORMATION
☐ NOTICE OF INTENT	ALTER CASING	FRACTURE TREAT	SIDETRACK TO REPAIR WELL
(Submit in Duplicate)		NEW CONSTRUCTION	TEMPORARITLY ABANDON
Approximate date work will	CASING REPAIR	=	TUBING REPAIR
	CHANGE TO PREVIOUS PLANS	OPERATOR CHANGE	
	CHANGE TUBING	PLUG AND ABANDON	VENT OR FLAIR
X SUBSEQUENT REPORT	CHANGE WELL NAME	PLUG BACK	WATER DISPOSAL
(Submit Original Form Only)	CHANGE WELL STATUS	PRODUCTION (START/STOP)	WATER SHUT-OFF
Date of Work Completion:	COMMINGLE PRODUCING FORMATIONS	RECLAMATION OF WELL SITE	OTHER: - Weekly Status Report
02/03/2010	CONVERT WELL TYPE	RECOMPLETE - DIFFERENT FORMATION	
	OMPLETED OPERATIONS. Clearly show a		
<del>-</del>	as set to flow to production tanks on 0	02-03-10, no surface equipment set	at this time, attached is a daily
completion status report.			
	Navvota	TITLE Administrative As	ssistant
NAME (PLEASE PRINT) Lucy Chavez	-маирого	TITLE Administrative As	
SIGNATURE Rues C	Que Norra	DATE 02/16/2010	

(This space for State use only)

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NEW	FIELD			VEE-	W POINT N-6-9-16 17031	
(17)		Daily Comp	oletion Report	Report Date:		
	IOUNTAINS			Operation:	<u> </u>	
Field:	GMBU CTB2		Rig Name:	NC #2	Work Performed:	1/21/2010
Location:	S6 T9S R16E		Supervisor:	Chris Meacham	- Day:	1
County:	DUCHESNE		Phone:	435- 823-4349	Daily Cost:	2,625
State:	UT		Email:	cmeacham@newfield.com	Cum DCR:	2,625
			•		Cum. Well Cost:	340,824
Summary: 24 Hr Plan Forward:	Pick up tbg to mill out hammer he	ad				
Incidents:	None	Newfield Pers:	6 Contract I	Pers: 0	Conditions:	
		gas five <b>ta</b> je di sebe	Critical Comments			
Hr(s); P	: MIRUSU NC #2. Change	out BOP. RU workf	loor. Run pump lin	es. Spot pipe racks.	SDFN	

**#	FIELD MOUNTAINS	<b>Daily Completion</b>	Report	AFE Report Date	:: W POINT N-6-9-16 :: 17031 :: 1/24/10 :: Fishing hammer head	i
Field:		GMBU CTB2	Rig Name:	NC #2	Work Performed:	1/22/2010
Location:		S6 T9S R16E	Supervisor:	Chris Meacham	Day:	2
County:		DUCHESNE	Phone:	435- 823-4349	Daily Cost:	\$10,215
State:		UT	Email:	cmeacham@newfield.con	Cum DCR:	\$12,840
					Cum. Well Cost:	\$351,039
24 Hr Summary:	PU Four Star	fishing tool. PU tbg to fish hammer head that	was dropped by ba	ttery crew.		
24 Hr Plan Forward:	Test BOP. F	erform cement bond log				
Incidents:	None	Newfield Pers:	5 Coi	ntract Pers: 1	Conditions:	
			Critical Comm		중요하는 사람들 학교를 살았다. 그 모든데	

O Hr(s); P: Open well. MU Four Star poor boy junk basket, extension, x-over, & 10' tbg sub. Pick up 4 jts tbg. Tag hammer head. Attempt to work hammer head free w/ out success. TOOH w/ 4 jts. Recut junk basket fingers. TIH w/ 4 jts tbg. Tag hammer head. Was able to work hammer head loose so that it fell to btm. Continue PU 195 jts tbg to chase head to btm. Tag up on what appears to be contaminated cement that was not set up @ 6175'. RU rig pump. Clean out cement & LCM to PBTD @ 6268' Work junk basket over hammer head. TOOH w/ 199 jts tbg. Get out of hole w/ tbg. Find Hammer head in junk basket. LD tools. SDFW

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FEB 1 8 2010

NE	NF	IE	LD
÷			
ROCK	Y MC	UNT	AINS

# **Daily Completion Report**

Well Name: W POINT N-6-9-16

AFE: 17031

Report Date: 1/25/10

Operation: Running cement bond log

Location: County:

GMBU CTB2 S6 T9S R16E DUCHESNE

Rig Name: Supervisor: Phone: Email:

NC #2 Chris Meacham 435-823-4349 cmeacham@newfield.com Work Performed: 1/25/2010 Day: Daily Cost: \$9,101 Cum DCR: \$21,941 Cum. Well Cost: \$360,140

24 Hr Summary:

State:

RU The Perforators LLC. Run csg cement bond log.

UT

24 Hr Plan

Forward:

Incidents: None Newfield Pers: 5 Conditions:

**Critical Comments** 

Contract Pers:

O Hr(s); P: Open well. RU hot oiler. Pressure test csg to 4500 psi. Bleed off pressure. RU The Perforators LLC. RIH w/wireline. Run csg cement bond log. Get out of hole w/wireline. PU perforating gun. RIH w/wireline. Perforate CP5 snds @6210'-6215'. POOH w/wireline. SDFN. 149 BWTR.

**RECEIVED** 

FEB 18 2010

NEW]		Daily Completion	n Report		<b>W POINT N-6-9-16</b> 17031 1/26/10	
ROCKY M	OUNTAINS			Operation:	Frac remaining stage	
Field:	GMBU (	CTB2	Rig Name:	NC #2	Work Performed:	1/26/2010
Location:	S6 T9S	R16E	Supervisor:	Chris Meacham	Day:	4
County:	DUCHE	SNE	Phone:	435- 823-4349	Daily Cost:	\$30,853
State:	UT		Email:	cmeacham@newfield.com	Cum DCR:	\$52,794
					Cum. Well Cost:	\$390,993
24 Hr Summary: 24 Hr Plan	Frac & perforate 3 sta Frac remaining stage,	ges. flowback well & TIH w/ tbg.			· · · · · · · · · · · · · · · · · · ·	
Summary: 24 Hr Plan Forward:	Frac remaining stage,	flowback well & TIH w/ tbg.	· 6 Contra	ct Pare: 10	Conditions	
Summary: 24 Hr Plan Forward:				ct Pers: 19	Conditions:	enterview of the
Summary: 24 Hr Plan Forward:	Frac remaining stage,	flowback well & TIH w/ tbg.	: 6 Contra		Conditions:	
Summary: 24 Hr Plan Forward:	Frac remaining stage,	flowback well & TIH w/ tbg.			Conditions:	
Summary: 24 Hr Plan Forward:	Frac remaining stage,	flowback well & TIH w/ tbg.			Conditions:	
Summary: 24 Hr Plan Forward:	Frac remaining stage,	flowback well & TIH w/ tbg.			Conditions:	
Summary: 24 Hr Plan Forward: Incidents:	Frac remaining stage,	flowback well & TIH w/ tbg.  Newfield Pers.	Critical Comment		Conditions:	
Summary: 24 Hr Plan Forward: Incidents:	Frac remaining stage,	flowback well & TIH w/ tbg.	Critical Comment		Conditions:	
Summary: 24 Hr Plan Forward: Incidents:	Frac remaining stage,	flowback well & TIH w/ tbg.  Newfield Pers.	Critical Comment		Conditions:	

NEW	FIELD	)
	1	No.
ROCKY	MOUNTAIN:	3

# **Daily Completion Report**

Well Name: W POINT N-6-9-16

AFE: <u>17031</u>
Report Date: <u>1/27/10</u>

Operation: TIH & drill out plugs

Field: Location: County: GMBU CTB2 S6 T9S R16E DUCHESNE UT Rig Name: Supervisor: Phone: Email:

NC #2
Chris Meacham
435- 823-4349
cmeacham@newfield.com

 Work Performed:
 1/27/2010

 Day:
 5

 Daily Cost:
 \$74,604

 Cum DCR:
 \$127,398

 Cum. Well Cost:
 \$465,597

24 Hr Summary:

State:

Frac remaining stage, flowback well & set kill plug.

24 Hr Plan

TIH w/ tbg & drill out plugs.

Forward:

Newfield Pers:

Contract Pers:

Conditions:

Critical Comments

O Hr(s); P: Thaw wellhead & BOPs. RU BJ services. Frac remaining stage as detailed. 2567 BWTR. Open for immediate flowback @ approx 3 bpm. Well flowed for 5 hours & turned to oil & gas. Shut in well. Call for wireline set kill plug. RU Perforators LLC. Attempt to equalize lubricator & RIH w/ wireline. Could not get plug out of lubricator. Knock off lubricator. Clean out oil. Pressure up to 1000 psi w/ hot oiler w/ wtr temp @ 190°. Open well. Still could not get out of lubricator. Knock off lubricator. Clean out oil. Reapply pressure to lubricator w/ hot oiler. Get plug moving. Had to pump plug down first 100' w/ hot oiler (5 bw). RIH w/ wireline & set CBP @ 4960'. POOH w/ wireline. Bleed off gas. SDFN. 2580 BWTR.

RECEIVED

FEB 1 8 2010

	MOUNTAINS	Daily	Completion	Repor	t	Report Date:	1/29/10 Drilling out plugs	
Field:	G	MBU CTB2		Rig N	ame:	NC #2	Work Performed:	1/29/2010
Location:	S	6 T9S R16E		Super	visor: Ch	ris Meacham	Day:	6
County:	Ō	UCHESNE		Phone	e: 43	5- 823-4349	Daily Cost:	\$7,975
State:	Ū	IT		Email	: cmeach	am@newfield.com	Cum DCR:	\$135,373
	_						Cum. Well Cost:	\$473,572
24 Hr Summary:	TIH w/ tbg. Dri	li out plugs						
24 Hr Plan Forward:	Continue drill or	ut plugs						
Incidents:	None		Newfield Pers:	4	Contract Pers:	1	Conditions:	

0 Hr(s); P: Hot oiler had thawed wellhead & BOP. Open well. TIH w/ tbg (breaking out ice plugs every stand). Mid way through trip started to run oil over BOP. RU rig pump. Circultate oil out of wellbore. Cont TIH w/ tbg. Tag CBP @ 4690'. RU power swivel. Catch circulation. Drill out kill plug. After drilling through kill plug well started to flow up csg. Continue TIH w/ tbg to tag fill @ 5120'. 50' sand. Clean out sand to next CBP. Start to drill out CBP (gained 60 bbls after drill through kill plug). SDFN

**RECEIVED** 

FEB 18 2010

(\$ <b>7</b>	FIELD  Daily Completion Completio	letion Report	AFE: <u>1</u> Report Date: <u>1</u>		
Field: Location: County: State:	GMBU CTB2 S6 T9S R16E DUCHESNE UT	Rig Name: Supervisor: Phone: Email:	NC #2 Chris Meacham 435- 823-4349 cmeacham@newfield.com	Work Performed: Day: Daily Cost: Cum DCR: Cum. Well Cost:	1/29/2010 7 \$8,778 \$144,151 \$482,350
24 Hr Summary: 24 Hr Plan Forward:	Drill out plugs. Swab well  Swab well. Clean out to PBTD. Round trip tog f	or production		***	
Incidents:	None Newfie	eld Pers: 4 Contrac Critical Comments		Conditions:	
O Hr(s); P	g flat tank. Circulate oil off of wel 5 5600'. 90' sand. Clean out sand to to pu tbg to tag sand @ 6240'. 28'	11. Cont drill out remain CBP @ 5690'. Drill out sand. Clean out sand to	der of first plug. Get t plug. Cont to PU tbg to	line. Flow line wa hrough plug. Cont tag next plug @ 594 clean. MU wash sta	to pu tbg to 10'. Drill out and & stand

NEWFIE ROCKY MOUN		Completion	Report	AFE: _ Report Date: _		trip TBG
Field:	GMBU CTB2		Rig Name:	NC #2	Work Performed:	1/30/2010
Location:	S6 T9S R16E		Supervisor:	Chris Meacham	Day:	8
County:	DUCHESNE		Phone:	435- 823-4349	Daily Cost:	\$52,722
State:	UT		Email:	cmeacham@newfield.com	Cum DCR: Cum. Well Cost:	\$196,873 \$535,072
24 Hr Flow	well. Kill well. Round trip tbg for	or production				<u> </u>
24 Hr Plan PUrd Forward:	od string. PWOP					
2-7 111 1 tall		Newfield Pers:	4 Contra	ct Pers: 2	Conditions:	

NEW	THE STATE OF THE S	Daily Completion	Penort		<b>W POINT N-6-9-16</b> 17031	
		ally Completion	Keport	Report Date:	2/1/10	
ROCKYN	40UNTAINS			Operation:	Kill well. Cont TIH w/ t	tbg. PU rod
Field:	GMBU CTB2		Rig Name:	NC #2	Work Performed:	2/1/2010
Location:	S6 T9S R16E		Supervisor:	Chris Meacham	Day:	9
County:	DUCHESNE		Phone:	435- 823-4349	Daily Cost:	\$12,530
State:	UT		Email:	cmeacham@newfield.com	Cum DCR:	\$209,40
	Kill well. Cont TIH w/ tbg.				Cum. Well Cost:	\$547,60
Forward: Incidents:	None	Newfield Pers:	4 Contrac	et Pers: 3	Conditions:	
	None	Newfield Pers:	4 Contrac		Conditions:	
		Newfield Pers:	Critical Comments			num brine

NEWFIE	ELD  Daily Complet	ion Report	AFE:	W POINT N-6-9-16 17031	
ROCKY MOUN			Report Date:	2/3/10	
SOCKI MOUN	121113		Operation:	Attempt to kill well to	land tbg
Field:	GMBU CTB2	Rig Name:	NC #2	Work Performed:	2/2/2010
Location:	S6 T9S R16E	Supervisor:	Chris Meacham	Day:	10
County:	DUCHESNE	Phone:	435- 823-4349	Daily Cost:	\$8,908
State:	UT	Email:	cmeacham@newfield.com	Cum DCR:	\$218,31
				Cum. Well Cost:	\$556,510
24 Hr Atten Summary:	npt to kill well. RU flow back lines to production	tanks			
24 Hr Plan Flow Forward:	well				
Incidents:	Newfield F	Pers: Conf	ract Pers:	Conditions:	
ill flowing. arted to bring ck equipment t	Check pressure. TBG 650 psi. CSG 6 Shut in well. Check pressure. TBG g trace of oil. Continue to flow co to tbg. Open well to pit. Well had Flow back 40 bw. Started to bring	G 550 psi. CSG 550 p sg while waiting on f d very weak flow. Ru	si. Open csg to producti lowback equip. Flow back swab. RIH w/ swab to 70	on tank. Flow back 5 100 bbls total up cs 0'. POOH w/ swab. W	g. RU flo

RECEIVED

FEB 1 8 2010

Form 3160-4 · (August 2007)

# **UNITED STATES** DEPARTMENT OF THE INTERIOR **BUREAU OF LAND MANAGEMENT**

FORM APPROVED OMB NO. 1004-0137 Expires: July 31, 2010

WELL	COMPLETION	OR RECOMPLE	ETION REPORT	ANDLOG
***	COMPLETION	OR REGUIRELE	_ I	ANIIII

*(See instr	uctions and	spaces fo	or additional	data on page 2	<u> </u>		- 1				* 41	MAK	0 4 2010
Size		Press.	Rate	BBL		BBL	Ratio						EIVED
Produced	Test Date Tbg. Press.	Hours Tested Csg.	Test Production 24 Hr.	Oil BBL Oil	MCF I	Water BBL Water	Oil Grav Corr. AI Gas/Oil		Gas Gravity Well Stati		tion Metho		EWED
28a. Produc Date First			Test	l	Gas h	Water	Oil Grav	vity	Gas	Drodust	tion Most	nd.	
Size	. ~	Csg. Press.	Rate	BBL	1 1	water BBL	Gas/Oil Ratio		PRODU				
2-3-10 Choke	2-21-10 Tbg. Press.	24 Csg.	24 Hr.	18 Oil		167 Water	Gas/Oil		Well Stat	10			
Date First Produced	Test Date	Hours Tested	Test Production	]	MCF	Water BBL	Oil Grav Corr. Al		Gas Gravity		tion Meth lowing -	^{od} no surface eq	uipment
28. Product	ion - Interv	al A											
									_				
See Belov	<u> </u>		See	Below									
	Depth Inter				·· <u> </u>			Amount a	nd Type of I	Material			
D)	rooture T	ntmant (	Soment Ca	ogo eta									_ <del></del>
C)													
В)									<u> </u>				
A) GREE		·11		100	DUMUII		Perforated in	ILCI VAI		SIZE	No. Hole	73	Perf. Status
25. Produc	ng Interval: Formatio		<del></del>	Тор	Bottom	26.	Perforation Perforated In			Size	No Hel		Derf Status
2-7/8"	EOT@	2) 6169'	TA @ 59		Siev		50: (11115)	I GOROT L	pm (IVID)	5126		Septil Det (IVID)	racker Deptil (IVID)
24. Tubing Size		Set (MD)	) Packer I	Depth (MD)	Size	Dent	h Set (MD)	Packer F	Depth (MD)	Size	<u> </u>	Depth Set (MD)	Packer Depth (MD)
								<u> </u>					
					-								
								400 50	/50 POZ				
7-7/8"	5-1/2" J		5.5# 0	)	6320'				RIMLITE		13	6'	
12-1/4"	8-5/8" J		24# C		320'	_	Depth		of Cement ASS G	(BBL)	)  -		
Hole Size	Size/G		Wt. (#/ft.)	Top (MD)	Bottom (ME	) Stag	ge Cementer	1	of Sks. &	Slurry V		Cement Top*	Amount Pulled
				rings set in we		CALIPE	K, CMT BC	טאט		nal Survey?			
21. Type I	Electric & Ot	ther Mech	anical Logs F	Run (Submit co	py of each) EUTRON,GR,		. •	N.D	22. Was we Was DS	ll cored?	✓ No ✓ No	Yes (Subm	
18. Total D	TV	O 6320 /D 6210	3 <b>'</b>		ug Back T.D.:	MD 620			20. Depth B	ridge Plug S	let: Ml TV		
12/29/20	9		01/11	1/2010			6. Date Com	<b>√</b> R	eady to Proc		5898'	vations (DF, RK GL 5910' KB	LD, KI, UL)*
At total of	epun	/ FNL 8		L (SW/NW)	SEC. 6, T9S, I			nletad C	0/00/0040		DUCH		UT CLV*
At top pr	25	51 F/	VL		80' FWL (NW/	•		(16E UT	IU-/4390			unty or Parish	13. State
								Mam :=	rı, w.a		Sur	vey or Area SEC	C. 6, T9S, R16E
At surfa	^{ce} 2030' F	FSL & 5	45' FWL (N	IW/SW) SEC	C. 6, T9S, R16	E UTU-7	74390				11 Sec	JMENT BUTTE ., T., R., M., on	Block and
4. Location					dance with Feder	ral require	1 , ,	-3121		·	10. Fie	3-34077 Id and Pool or E	
3. Address				ER, CO 80202			3a. Phone (435)646		ude area cod	le)	9. AFI	Well No.	4-0-3-10
2. Name o NEWFIEI	f Operator D EXPLO	DRATIO	N COMPA	NY					<del>'</del>		8. Leas	e Name and Well POINT FED N	
J1 -			ther:								7. Unit or CA Agreement Name and No.		
la. Type of	f Well f Completio	n: <b>V</b>	Dil Well New Well	Gas Well Work Over	Dry Deepen	Other Plug Ba	ack 🏻 Di	ff Resvr			6. If In	dian, Allottee or	Tribe Name
											UTU-7		
	V	VELL (	COMPLE	TION OR I	RECOMPLE	ETION I	REPORT	AND L	.OG		5. Leas	se Serial No.	

28b. Prodi	uction - Inte	rval C								
Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method	
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status		
28c. Produ	iction - Inte	rval D					-L			
Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method	
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status		
29. Dispos	ition of Gas	(Solid, use	ed for fuel, ve	nted, etc.)		I	1	-l		
SOLD & US	ED FOR FU	EL								
30. Summ	ary of Poro	us Zones (	Include Aqui	fers):				31. Formatio	n (Log) Markers	
	ng depth int				eof: Cored inte open, flowing			GEOLOGIC	CAL MARKERS	
										Тор
Forn	nation	Тор	Bottom		Descrip	tions, Contents	s, etc.	Name Meas.		Meas. Depth
								GARDEN GUL GARDEN GUL		3882' 4114'
								GARDEN GUL POINT 3	CH 2	4228' 4494'
								X MRKR Y MRKR		4767' 4805'
								DOUGALS CR BI CARBONAT	TE MRK	4919' 5172'
								B LIMESTON I		5281' 5829'
		<u> </u>						<u> </u>		
			olugging prod ation (CP5)		15', .36" 3/15	Frac w/ 107	747#'s of 20/40 sa	and in 89 bbl	s of Lightning 17 fluid	
Stage 2:	Green Ri	ver Forma	ation (CP.5)	5862-58	70', .36" 3/24	Frac w/ 2	0180#'s of 20/40	sand in 174	bbls of Lightning 17 fluid	
_									20/40 sand in 937 bbls of Lig	
Stage 4: fluid	Green Ri	ver Forma	ation (D3, D	2 & C) 50	72-5075', 50°	13-5019', 51 <i>'</i>	19-5123', .36" 3/3	39 Frac w/	54111#'s of 20/40 sand in 33	2 bbls of Lightning 17
33. Indica	te which ite	ms have be	en attached by	y placing a	check in the app	propriate boxes	s:			
☐ Elec	trical/Mecha	mical Logs (	I full set req'o	i.)	☐ Ge	ologic Report	DST Repo	ort	✓ Directional Survey	
Sund	iry Notice fo	or plugging a	and cement ver	rification	Co:	re Analysis	✓ Other: Dr	rilling Daily A	ctivity	
					nation is comple	ete and correct			cords (see attached instructions)*	
			cy Chavez-N		anon is comple			ive Assistant		
		prini) <u>Luc</u>	<u>~ ()</u>		~		Date 03/01/2010			
	gnature	niez	Joanne J	-119						
					1212, make it a			d willfully to r	nake to any department or agency	of the United States any

# **Daily Activity Report**

# Format For Sundry W POINT N-6-9-16 11/1/2009 To 3/28/2010

#### **W POINT N-6-9-16**

**Waiting on Cement** 

**Date:** 12/31/2009

Ross #21 at 320. Days Since Spud - On 12/29/09 MIRU Ross # 21 Spud @ 9:00 am Drill to 320',P/U and run 7 jts 8 5/8" surface csg Set @ - On 1/2/10 CMT 160 sks Class G w/2% cal chloride - Notify BLM and State of Spud and csg run thru email - 321.43' KB Drill mouse and rat hole.

Daily Cost: \$0

**Cumulative Cost:** \$34,217

**W POINT N-6-9-16** 

Rigging Up

**Date:** 1/5/2010

NDSI #2 at 320. 0 Days Since Spud - Rig Down Prepair For Move

Daily Cost: \$0

**Cumulative Cost:** \$37,212

#### W POINT N-6-9-16

### Drill 7 7/8" hole with fresh water

**Date:** 1/6/2010

NDSI #2 at 1161. 1 Days Since Spud - Drill 7 7/8" Hole With Fresh Water To Depth Of 1161' - No H2s Reported Last 24 hrs - No Flow Reported - Boiler 17 hrs - Work On Mud Pump - Drill Plug, Cement, Shoe, From 260' To 321' - mins. Test 8 5/8" Csg For 30 mins Tested OK - R/U B&C Quick Test. Test Upper Kelly, Floor Valves, Pipe, Blind Rams, Ckoke Manifold To 2000 psi For 10 - 1/5/10 MIRU On West Point N-6-9-16, Set All Surface Equipment. - P/U BHA & Directional Tools. Scribe Dir. Tools

Daily Cost: \$0

**Cumulative Cost:** \$81,471

#### **W POINT N-6-9-16**

#### Drill 7 7/8" hole with fresh water

**Date:** 1/7/2010

NDSI #2 at 2999. 2 Days Since Spud - No Flow @ 2999' - Drill 7 7/8" Hole With Fresh Water To Depth Of 2175' - Rig Service - Drill 7 7/8" Hole With Fresh Water To Depth Of 2999' - No H2s Reported Last 24 Hrs - Boiler 24 Hrs

Daily Cost: \$0

Cumulative Cost: \$105,790

#### W POINT N-6-9-16

#### Drill 7 7/8" hole with fresh water

**Date:** 1/8/2010

NDSI #2 at 3791. 3 Days Since Spud - No Flow @ 3482' - Drill 7 7/8" Hole With Fresh Water To Depth Of 3175' - Drill 7 7/8" Hole With Fresh Water To Depth Of 3482' - Boiler Run 24 Hrs - Rig Service. Check Bop's & Crown-A- Matic. - No H2s Reported Last 24 Hrs - Went To change to Liner Gasket In Pump.Pump was Washing Out. Changed Out Pumps,Pump We Installed Was - Frozen.Thawed Out Pump. - Pickup Kelly Circulate Bottoms Up. - Trip in Hole - Drill 7 7/8" Hole With Fresh Water To Depth Of 3791'

Daily Cost: \$0

Cumulative Cost: \$146,147

#### **W POINT N-6-9-16**

#### Drill 7 7/8" hole with fresh water

**Date:** 1/9/2010

NDSI #2 at 4901. 4 Days Since Spud - Rig Service - Drill 7 7/8" Hole With Fresh Water To Depth Of 4901' - No H2s Reported Last 24 Hrs. - Drill 7 7/8" Hole With Fresh Water To Depth

Of 4362' - Boiler 24 Hrs - Flow @ 4837' 2 Gal/Min

Daily Cost: \$0

**Cumulative Cost:** \$165,466

#### **W POINT N-6-9-16**

## Drill 7 7/8" hole with fresh water

**Date:** 1/10/2010

NDSI #2 at 5694. 5 Days Since Spud - Boiler 24 Hrs - Well Flowing 2 Gal/Min @ 5281', 3 Gal/Min @ 5503' - No H2s Reported Last 24 Hrs. - Drill 7 7/8" Hole With Fresh Water To Depth Of 5694' - Rig Service - Drill 7 7/8" Hole With Fresh Water To Depth Of 5281'

Daily Cost: \$0

Cumulative Cost: \$189,947

## **W POINT N-6-9-16**

# **Wait on Completion**

**Date:** 1/11/2010

NDSI #2 at 6320. 7 Days Since Spud - Released Rig @ 10:00 PM 1/11/10 - Rig Service -Nipple Down Bop's Set Slips With 100,000# Tension - 14.4 ppg With 1.24 Yield - 11.0 ppg with 3.54.Yield. Pumped Stage 2 50:50:2 +3%KCL+0.5%EC-1+.25#CF+.05#SF+.3SMS=FP-6L Mixed @ - Cement With BJ. Stage 1 Pumped 275 sk PL-II +3% KCL + 5# CSE +0.5# CF +2# KOL +.5 SMS+FP+SF Mixed @ - Circ Csg With Rig Pump. Wait On BJ To Show With Bulk Cement Truck. - R/U Marcus Liddell Casing Crew Run 154 Jts Of 5.5 J-55 15.5# Csg Set @ 6311.12'/KB, Float Set @ 6267 - R?u B&C Quick Test. Test 5 1/2" Casing Rams To 2000# PSI - Boiler 24 Hrs - No H2s Reported Last 24 Hrs. - Log, Gamma Ray. ( Loggers TD 6312' ) - Rig Up Phoenix Surveys Run Compensated Density, Compensated Neutron, Gamma Ray, Dual Induction, Guard - LDDP & BHA - Spot 260 bbls Brine - LDDP To 4000' - Circ Hole For Laydown & Logs - Drill 7 7/8" Hole With Fresh Water To Depth Of 6320' - Rig Service - Released Rig @ 10:00 PM 1/11/10 - Clean Mud Tanks - Nipple Down Bop's Set Slips With 100,000# Tension -14.4 ppg With 1.24 Yield - 11.0 ppg with 3.54. Yield. Pumped Stage 2 50:50:2 +3% KCL+0.5% EC-1+.25#CF+.05#SF+.3SMS=FP-6L Mixed @ - Cement With BJ. Stage 1 Pumped 275 sk PL-II +3% KCL + 5# CSE +0.5# CF +2# KOL +.5 SMS+FP+SF Mixed @ ~ Circ Csg With Rig Pump. Wait On BJ To Show With Bulk Cement Truck. - R/U Marcus Liddell Casing Crew Run 154 Jts Of 5.5 J-55 15.5# Csg Set @ 6311.12'/KB, Float Set @ 6267 - R?u B&C Quick Test. Test 5 1/2" Casing Rams To 2000# PSI - Boiler 24 Hrs - No H2s Reported Last 24 Hrs. - Log, Gamma Ray. (Loggers TD 6312') - Rig Up Phoenix Surveys Run Compensated Density, Compensated Neutron, Gamma Ray, Dual Induction, Guard - LDDP & BHA - Spot 260 bbls Brine - LDDP To 4000' - Circ Hole For Laydown & Logs - Drill 7 7/8" Hole With Fresh Water To Depth Of 6320' - Clean Mud Tanks Finalized

Daily Cost: \$0

Cumulative Cost: \$338,199

Pertinent Files: Go to File List



# **NEWFIELD EXPLORATION**

USGS Myton SW (UT) SECTION 6 N-6-9-16

Wellbore #1

**Design: Actual** 

# **Standard Survey Report**

26 April, 2010

RECEIVED

APR 2 7 2010

DIV. OF OIL, GAS & MINING





#### HATHAWAY BURNHAM

Survey Report



Company:

**NEWFIELD EXPLORATION** 

**Project:** 

USGS Myton SW (UT)

Site:

**SECTION 6** 

Well:

N-6-9-16 Wellbore #1

Wellbore: Design:

Actual

Local Co-ordinate Reference:

TVD Reference: MD Reference:

Database:

Well N-6-9-16 N-6-9-16 @ 5910.0ft (NEWFIELD #2)

N-6-9-16 @ 5910.0ft (NEWFIELD #2)

North Reference:

Survey Calculation Method:

True

Minimum Curvature

EDM 2003.21 Single User Db

**Project** 

USGS Myton SW (UT), DUCHESNE COUNTY, UT, USA

Map System:

US State Plane 1983

Geo Datum: Map Zone:

North American Datum 1983

Utah Central Zone

System Datum:

Mean Sea Level

Site

SECTION 6, SEC 6 T9S, R16E

0.0 ft

Site Position:

Northing:

7,193,341.00ft

Latitude:

40° 3' 35.624 N

From:

Map

Easting:

2,014,843.00ft

Longitude:

**Position Uncertainty:** 

Slot Radius:

Grid Convergence:

110° 9' 43.908 W

0.86

Well

N-6-9-16, SHL LAT: 40 03 29.80, LONG: -110 10 08.74

Well Position

+N/-S +E/-W

0.0 ft 0.0 ft

0.0 ft

Northing:

Wellhead Elevation:

7,192,722.97 ft 2,012,921.38 ft Latitude:

40° 3' 29.800 N

**Position Uncertainty** 

Easting:

5,910.0 ft

Longitude: **Ground Level:**  110° 10' 8.740 W 5.898.0 ft

Wellbore #1

Magnetics

Wellbore

**Model Name** 

Sample Date

Declination (°)

**Dip Angle** (°)

Field Strength

(nT)

IGRF200510

2009/12/15

11.53

65.83

52,439

Design

**Audit Notes:** 

Version:

1.0

Actual

Phase:

ACTUAL

Tie On Depth:

Depth From (TVD)

+N/-S

0.0

Vertical Section:

(ft) 0.0

(ft) 0.0 +E/-W (ft) 0.0

Direction (°) 47.62

**Survey Program** 

Date 2010/04/26

From (ft)

To

(ft)

Survey (Wellbore)

**Tool Name** 

Description

489.0

6,320.0 Survey #1 (Wellbore #1)

**MWD** 

MWD - Standard

Survey

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
0.0	0.00	0.00	0.0	0.0	0.0	0.0	0.00	0.00	0.00
489.0	0.88	2.17	489.0	3.8	0.1	2.6	0.18	0.18	0.00
520.0	1.14	11.60	520.0	4.3	0.2	3.1	0.99	0.84	30.42
550.0	1.58	23.15	550.0	5.0	0.4	3.7	1.72	1.47	38.50
580.0	1.98	37.68	580.0	5.8	0.9	4.6	2.00	1.33	48.43
611.0	2.40	46.84	610.9	6.6	1.7	5.7	1.76	1.35	29.55
642.0	2.72	49.41	641.9	7.5	2.7	7.1	1.10	1.03	8.29
672.0	3.27	52.05	671.9	8.5	4.0	8.7	1.89	1.83	8.80
703.0	3.60	53.32	702.8	9.7	5.4	10.5	1.09	1.06	4.10
733.0	3.87	54.09	732.7	10.8	7.0	12.5	0.92	0.90	2.57
764.0	4.09	56.99	763.7	12.0	8.8	14.6	0.96	0.71	9.35
795.0	4.55	56.31	794.6	13.3	10.7	16.9	1.49	1.48	-2.19
825.0	4.88	55.94	824.5	14.7	12.8	19.3	1.10	1.10	-1.23



## HATHAWAY BURNHAM

Survey Report



Company:

**NEWFIELD EXPLORATION** 

Project:

USGS Myton SW (UT)

Site: Well: SECTION 6 N-6-9-16

Wellbore:

N-6-9-16 Wellbore #1

Design:

Actual

Local Co-ordinate Reference:

TVD Reference:

Well N-6-9-16

N-6-9-16 @ 5910.0ft (NEWFIELD #2) N-6-9-16 @ 5910.0ft (NEWFIELD #2)

MD Reference: North Reference:

True

Survey Calculation Method:

Database:

Minimum Curvature

EDM 2003.21 Single User Db

## Survey

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
856.0	5.10	56.99	855.4	16.2	15.0	22.0	0.77	0.71	3.39
886.0	5.49	57.78	885.2	17.7	17.4	24.7	1.32	1.30	2.63
918.0	5.93	57.63	917.1						
950.0				19.4	20.1	27.9	1.38	1.38	-0.47
	6.06	55.54	948.9	21.2	22.8	31.2	0.79	0.41	-6.53
981.0	6.24	51.67	979.7	23.2	25.5	34.5	1.46	0.58	-12.48
1,013.0	6.28	48.31	1,011.5	25.4	28.2	38.0	1.15	0.13	-10.50
1,045.0	6.59	46.91	1,043.3	27.8	30.8	41.5	1.09	0.97	-4.38
1,077.0	6.88	46.93	1,075.1	30.4	33.6	45.3	0.91	0.91	0.06
1,108.0	7.25	47.30	1,105.9	33.0	36.4	49.1	1.20	1.19	1.19
1,140.0	7.60	48.86	1,137.6	35.8	39.5	53.2	1.26	1.09	4.88
1,172.0	7.87	50.47	1,169.3	38.6	42.7	57.6	1.08	0.84	5.03
1,203.0	8.02	52.11	1,200.0	41.2	<b>4</b> 6.1	61.8	0.88	0.48	5.29
1,235.0	8.39	50.82	1,231.7	44.1	49.6	66.4	1.29	1.16	-4.03
1,267.0	8.68	50.86	1,263.3	47.1	53.3	71.1	0.91	0.91	-4.03 0.13
1,298.0	8.96	51.74	1,294.0	50.0	57.0	75.9	1.00	0.90	2.84
1,330.0	9.14	52.09	1,325.6	53.2	61.0	80.9	0.59	0.56	1.09
1,362.0	9.45	51.43	1,357.1	56.4	65.1	86.0	1.02	0.97	-2.06
			•						
1,392.0	10.00	50.10	1,386.7	59.6	69.0	91.1	1.98	1.83	-4.43
1,425.0	10.37	49.70	1,419.2	63.3	73.4	96.9	1.14	1.12	-1.21
1,457.0	10.61	48.44	1,450.7	67.1	77.9	102.8	1.04	0.75	-3.94
1,552.0	11.40	45.10	1,543.9	79.6	91.0	120.9	1.07	0.83	-3.52
1,647.0	12.57	47.17	1,636.8	93.2	105.3	140.6	1.31	1.23	2.18
1,742.0	12.96	46.25	1,729.5	107.6	120.6	161.6	0.46	0.41	-0.97
1,837.0	11.93	44.42	1,822.3	122.0	135.1	182.0	1.16	-1.08	-1.93
1,932.0	11.65	45.57	1,915.3	135.7	148.8	201.4	0.38	-0.29	1.21
2,027.0	10.57	47.98	2,008.5	148.3	162.2	219.7	1.24	-1.14	2.54
2,122.0	10.99	48.20	2,101.8	160.1	175.4	237.5	0.44	0.44	0.23
2,218.0	11.84	51.89	2,195.9	172.3	190.0	256.5	1.17	0.89	3.84
2,313.0	12.72	51.45	2,288.7	184.8	205.8	276.6	0.93	0.93	-0.46
2,408.0	13.03	46.25	2,381.3	198.8	221.7	297.8	1.26	0.33	-5.47
2,503.0	13.18	44.91	2,473.9	213.8	237.1	319.3	0.36	0.16	-1.41
2,598.0	12.15	44.69	2,566.6	228.6	251.8	340.1	1.09	-1.08	-0.23
2,693.0	11.95	46.64	2,659.5	242.5	266.0	359.9	0.48	-0.21	2.05
2,788.0	11.84	46.16	2,752.4	256.0	280.1	379.5	0.16	-0.12	-0.51
2,883.0	11.89	47.87	2,845.4	269.3	294.4	399.0	0.37	0.05	1.80
2,978.0	14.00	46.84	2,938.0	283.7	310.1	420.3	2.23	2.22	-1.08
3,073.0	14.50	47.61	3,030.0	299.6	327.2	443.7	0.56	0.53	0.81
3,168.0	12.77	47.63	3,122.4	314.7	343.8	466.1	1.82	-1.82	0.02
3,263.0	13.69	46.82	3,122. <del>4</del> 3,214.8	314.7 329.5	343.6 359.7	400.1 487.8	0.99	-1.82 0.97	-0.85
3,358.0	13.03	45.38	3,307.3	344.7	375.6	509.7	0.99	-0.72	-0.65 -1.52
3,453.0	13.45	46.40	3,399.8	359.8	375.0	509.7 531.5	0.50	-0.72 0.46	1.07
3,549.0	13.07	48.74	3,493.2	374.7	407.4	553.5	0.68	-0.40	2.44
3,644.0	13.43	48.29	3,585.7	389.1	423.7	575.3	0.39	0.38	-0.47
3,739.0	13.40	49.00	3,678.1	403.7	440.3	597.3	0.18	-0.03	0.75
3,835.0	13.18	43.81	3,771.5	418.8	456.2	619.3	1.26	-0.23	-5.41
3,930.0	11.95	42.52	3,864.2	433.9	470.4	639.9	1.33	-1.29	-1.36
4,024.0	11.43	43.92	3,956.3	447.8	483.4	658.9	0.63	-0.55	1.49
4,119.0	11.03	44.64	4,049.5	461.0	496.3	677.4	0.45	-0.42	0.76
4,214.0	11.71	51.71	4,142.6	473.5	510.3	696.1	1.63	0.72	7.44
4,309.0	11.84	52.22	4,235.6	485.4	525.6	715.4	0.18	0.14	0.54
4,405.0	11.07	52.79	4,329.7	497.0	540.7	734.4	0.81	-0.80	0.59
4,500.0	10.99	50.64	4,422.9	508.3	554.9	752.5	0.44	-0.08	-2.26
			4.516.2						
4,595.0 4,690.0	10.79 10.83	48.44 45.28		519.9 533.1	568.6	770.5	0.49	-0.21	-2.32
4,090.0	10.63	45.∠8	4,609.5	532.1	581.6	788.3	0.63	0.04	-3.33



## **HATHAWAY BURNHAM**

Survey Report



Company:

**NEWFIELD EXPLORATION** 

Project:

USGS Myton SW (UT)

Site: Well: SECTION 6

Wellbore:

N-6-9-16 Wellbore #1

Design:

Actual

**Local Co-ordinate Reference:** 

TVD Reference: MD Reference:

Database:

Well N-6-9-16 N-6-9-16 @ 5910.0ft (NEWFIELD #2)

N-6-9-16 @ 5910.0ft (NEWFIELD #2)

North Reference:

**Survey Calculation Method:** 

Minimum Curvature

EDM 2003.21 Single User Db

#### Survey

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)	
4,785.0	11.38	45.21	4,702.8	545.0	594.6	806.6	0.58	0.58	-0.07	
4,880.0	11.01	51.85	4,796.0	557.2	608.4	825.0	1.41	-0.39	6.99	
4,975.0	10.81	50.18	4,889.2	568.5	622.4	842.9	0.39	-0.21	-1.76	
5,070.0	10.59	49.48	4,982.6	579.9	635.8	860.6	0.27	-0.23	-0.74	
5,165.0	11.05	48.44	5,075.9	591.6	649.3	878.4	0.53	0.48	-1.09	
5,260.0	9.98	48.73	5,169.3	603.1	662.3	895.7	1.13	-1.13	0.31	
5,287.8	9.65	50.05	5,196.7	606.2	665.9	900.5	1.43	-1.18	4.76	
N-6-9-16 T	GT									
5,355.0	8.88	53.65	5,263.0	612.8	674.4	911.2	1.43	-1.15	5.35	
5,450.0	9.21	55.37	5,356.8	621.5	686.5	926.1	0.45	0.35	1.81	
5,546.0	8.90	51.19	5,451.6	630.5	698.6	941.1	0.76	-0.32	-4.35	
5,641.0	10.13	49.94	5,545.3	640.5	710.8	956.8	1.31	1.29	-1.32	
5,735.0	10.68	48.64	5,637.8	651.6	723.6	973.7	0.64	0.59	-1.38	
5,831.0	8.00	46.53	5,732.5	662.1	735.2	989.3	2.81	-2.79	-2.20	
5,926.0	8.50	43.50	5,826.5	671.7	744.8	1,002.9	0.70	0.53	-3.19	
6,022.0	8.94	44.69	5,921.4	682.2	754.9	1,017.5	0.50	0.46	1.24	
6,117.0	9.51	46.60	6,015.2	692.8	765.8	1,032.7	0.68	0.60	2.01	
6,212.0	8.55	45.41	6,109.0	703.2	776.5	1,047.6	1.03	-1.01	-1.25	
6,267.0	7.25	47.85	6,163.5	708.4	782.0	1,055.1	2.44	-2.36	4.44	
6,320.0	6.80	48.40	6,216.1	712.7	786.9	1,061.6	0.86	-0.85	1.04	

#### **Wellbore Targets**

	Name	

- hit/miss target	Dip Angle	Dip Dir.	TVD	+N/-S	+E/-W	Northing	Easting		
- Shape	(°)	(°)	(ft)	(ft)	(ft)	(ft)	(ft)	Latitude	Longitude
N-6-9-16 TGT	0.00	0.00	5,200.0	593.5	650.4	7,193,326.07	2,013,562.88	40° 3' 35.665 N	110° 10' 0.374 W
- actual wellpath i	misses by 20	.3ft at 5287	.7ft MD (51	96.5 TVD, 60	6.1 N, 665.	9 E)			

- Circle	(radius	75.0)	

	·		<del></del>
Checked By:	Approved By:	Date:	



Project: USGS Myton SW (UT)

Site: SECTION 6 Well: N-6-9-16

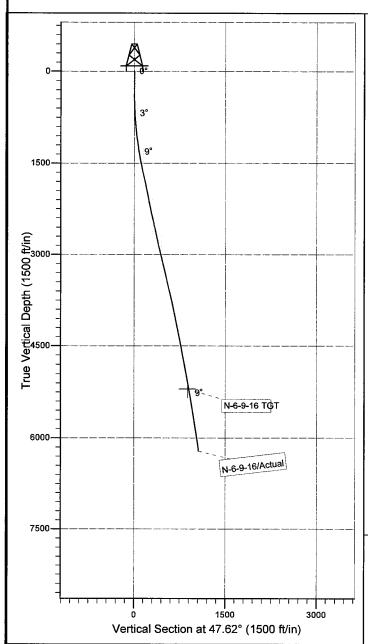
Wellbore: Wellbore #1 SURVEY: Actual

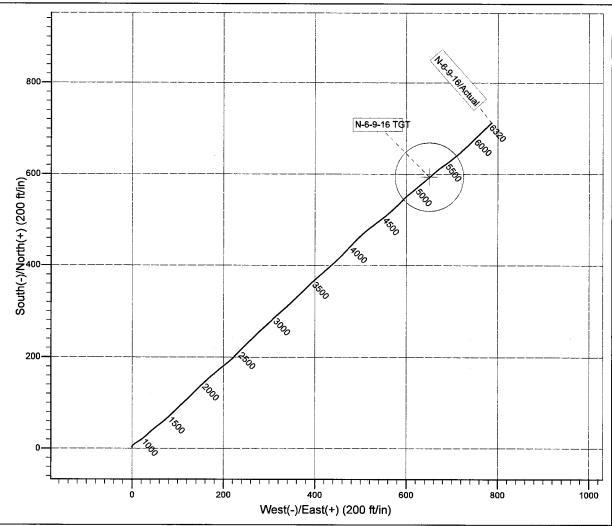
FINAL SURVEY REPORT



Azimuths to True North Magnetic North: 11.53°

Magnetic Field Strength: 52438.9snT Dip Angle: 65.83° Date: 2009/12/15 Model: IGRF200510





HATHAWAY BURNHAM DIRECTIONAL & MWD SERVICES

Design: Actual (N-6-9-16/Wellbore #1)

Created By: Jim hudson Date: 20:55, April 26 2010 THIS SURVEY IS CORRECT TO THE BEST OF MY KNOWLEDGE AND IS SUPPORTED BY ACTUAL FIELD DATA.